



e

		-



			4
,			

		7.	
			4

	, V p.
	1 2
	12
	•



SKETCH OF GIRALDA TOWER AT SEVILLE $\label{eq:walles} \text{Walter Copp.}$

CATALOGUE OF THE

ANNUAL ARCHITECTURAL EXHIBITION

FOR

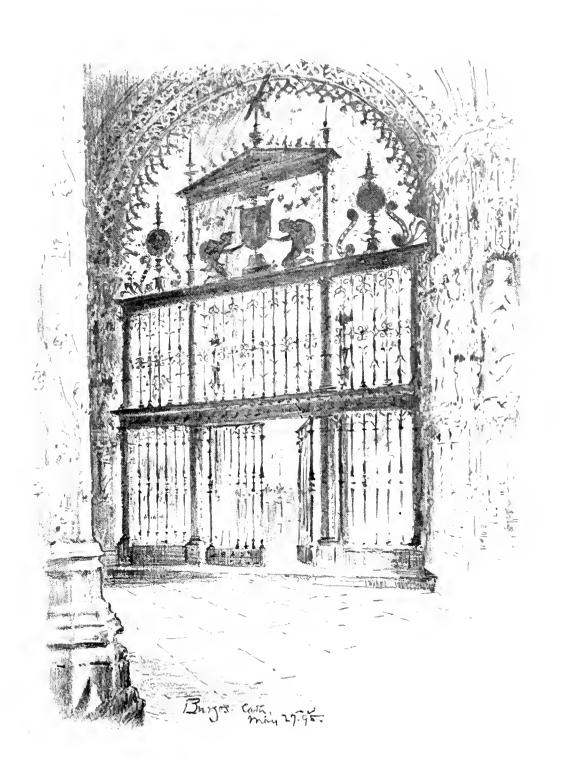
1902-1903

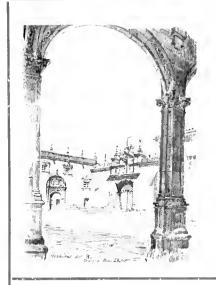
EDITED BY

WILLIAM C. HAYS

PUBLISHED BY THE

T SQUARE CLUB





WALTER COPE MDCCCLX-MCMII

TO THE MEMORY OF A MAN OF THE HIGHEST PERSONAL CHARAC TER AN ARCHITECT OF WONDER FUL ENERGY AND STRENGTH LOYAL TO HIS PROFESSION AND EVER READY TO HELP ITS YOUNGER MEMBERS AND BE TO THEM A STAUNCH, RELIABLE FRIEND

THE T SQUARE CLUB
DEDICATES THIS VOLUME

Since the last exhibition catalogue was laid before our members and the public who are interested in the work of the T Square Club, we have lost by the sudden death of Walter Cope, one of the Club's original promoters, whose interest in its success never flagged, but who, even in the press of professional duties of his exceptionally busy life, found time to give to its work his close personal attention, and one who apparently derived great pleasure from furthering its interests and extending its influence. He always upheld it as the best possible means of creating and fostering pleasant and profitably personal relations between architects and their draughtsmen because he believed that the Club furnished an opportunity for the meeting of the senior members of the profession with their juniors, freed from the restraint of professional relationship; and he believed that both classes might profit by the serious criticism of the problems presented, and also by the relaxation of social meetings enlivened by song and wholesome merriment.

It was to his juniors a privilege ever to be remembered, to come into close personal contact with one who filled so deservedly a large space in the architectural life of this community. Here at the Club many of us first learned the secret of his success, first realized in his hours of relaxation his wonderful personal attraction, and saw in it, coupled with his indomitable energy, the union necessary to achieve the reputation in his profession which he so quickly won, and which every year of his life he made more secure.

To some of our older members was given the privilege of his friendship during the character-forming period of life, and those recall with pleasure and interest his boyhood at the old family seat at "Aubury," in Germantown. Here, amidst the natural charms and beauties of an extensive country estate, his home embowered in a fine wood, with a fair open country on every side, he learned his loyal love for Nature, and formed so great an attachment to the art of landscape gardening, that early in his career he found it difficult to decide whether he should take it or architecture for his life work. Here, too, he educated his hand and eye to laborious and exact industry, spending many hours in his small carpenter shop, never idling or dawdling over his work, but ever with definite purpose and method, carrying out some well-considered plan, and rejoicing over the completion of carefully designed and executed work. Rarely does a boy's early bent foreshadow so well his after-career, and seldom do the traits of character which manhood is to develop and mature appear so early and continue to grow with such steadiness as they did in the case of Walter Cope.

His early distress that any of his work should be "out of line" became in the man a determination that everything that was delineated by him, or for which he was responsible, should be "in drawing," and that even sketched work should be truly in perspective. The energy and application of the boy developed into the determined purpose of the man that in himself or in those under his direction there should be no half-hearted interest, but that the head should ever lead so thoroughly that the hand could follow with sure strokes which should need no retouching.

Yet his love of what was practical and thorough was combined in a rare degree with the true artistic sense. Was a vista to be opened through an overgrown thicket the superfluous shrubbery must be carefully trimmed out, but the main end was to produce an effect; some distant view must be revealed; some fine contrast of dark alleys leading to sunny glades, or to a view over peaceful waters, or to possible fine sky effects, must be the object which justified the labor.

His early hesitation between gardening and architecture resulted in this, that while his life was devoted chiefly to the latter, he was always happy when he could combine with building the development of landscape effects, and we well remember how he delighted that the noble group of buildings which he designed for the Washington University in St. Louis should be set in grounds so spacious and with such beautiful possibilities of planting.

When his early studies were completed Mr. Cope had the opportunity to carry his preparation farther in an extended tour of Europe. The amount of work which he did at that time is attested by the sketches which still remain. We see in them the exactness of observation, the accurate grasping of form and the brilliancy of touch which characterized all his work, and we recognize the wonderful mastery of the pencil which ever remained the distinguishing mark of his sketching. Few men have so profited by the training of the Academy schools as to acquire at once the confidence which this early work displays, and in fewer still has the confidence been justified by the result produced.

He made special and loving studies of the English Cathedral towns, and developed there an appreciation for Gothic architecture which only deepened with his advancing years. He felt the charm of rural France, and lingered long in Ronen, where, as his sketches show, he acquainted himself thoroughly with the architecture of that picturesque Norman town.

Rome, Greece and Constantinople were laid under contribution, and among all that remains to show how earnestly he worked during his tour it is remarkable how strongly he felt his true tool was the pencil, and how little he produced in color. His power of correctly depicting detail by the slightest indication and his accuracy of drawing are among the strongest traits of his early work.

Soon after his return to America Mr. Cope joined forces with a man equally gifted with himself, John Stewardson, one of the friends of his boyhood, thus creating the firm which holds now so honorable and well-merited a place in the esteem of the profession and the public. This period dates also the commencement of his active association with the T Square Club, at the organization meeting of which he presided. He was several years its President or a member of its Executive Committee. The Club's problems he followed with loyal and hearty interest even after absorption in his professional career lessened the time which he could devote to it.

The summer of 1889 saw him touring through Normandy with his congenial and gifted friend, Edmund Stewardson, the sculptor. Charming way-side sketches of churches, barns and other rural architecture remain as souvenirs of this vacation, and his studies of the possibilities of Norman domestic work bore fruit later in America in his designs of country houses.

But his finest and ripest sketches were the result of his journey through

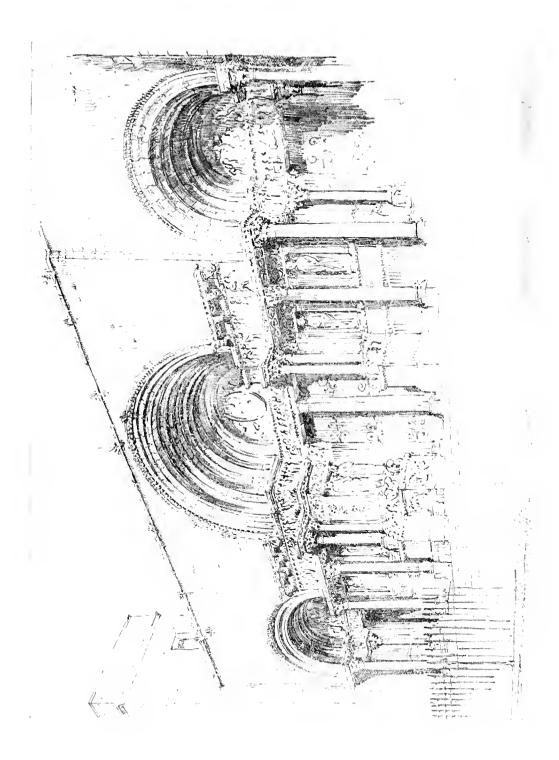
Spain in the Spring of 1895. These show wonderful mastery of style and prove that in the handling of his pencil he had "arrived."

His mind, ever ready to receive new impressions, seems from the first to have been stimulated by the treasures in architecture which the comparative inaccessibility of Spain had hidden from the knowledge of the world, and with characteristic energy he threw himself into the work of fixing on paper the most striking of his finds. His work bubbles over with enthusiasm which afterwards showed itself in speech whenever he recounted the discoveries he made in his Spanish travels.

We can see with what delight he worked before the choir gates in the Cathedral at Burges, how he enjoyed the suggestion of detail and the arrangement of light and shade; we can picture him roaming over the hills of Toledo, or searching with eagerness the narrow streets of Salmanca. He never excelled in touch the sketches done in these journeys, and in looking over his foreign work we do not need to be told that those which he made in Spain gave him the greatest pleasure. His early studies, good as they are, seem but careful sketching when compared to these which he produced under bright Spanish skies, and which are redolent of sunny life, telling eloquently of the worker's joy.

But slight mention has been made of the achievements by which Walter Cope will be best remembered in the land of his birth, which he has done so much to beautify. We have chosen in this brief tribute to his memory rather to dwell on his personal traits. Our association with him in this Club was personal rather than official, and we wish to recall what he was to us and to profit by the inspiration of his example. Therefore we have dwelt on his sketches more than on his architectural productions. Professional work is limited and bounded by existing influences of condition and clientage. Sketches are oftener the production of moments when one feels freedom from care, and work which has been done with the heart, in times of comparative leisure, is more illuminative as to the character of the artist-

Walter Cope has been taken from our circle suddenly and with little warning, but we still have his splendid example. Let us from it learn to labor earnestly and faithfully in our chosen vocation, never satisfied with less than the best we may attain, and let those of us who may be privileged to climb, remember always to hold out, as he did, a hand of cheer and help to those who are younger students of architecture and younger members of the T Square Club.



ACKNOWLEDGMENTS

THE T SQUARE CLUB DESIRES HERE TO RECORD ITS SENSE OF INDEBTEDNESS TO THOSE ARCHITECTS AND ALLIED ARTISTS WHO, BY GENEROUS CONTRIBUTIONS OF THEIR WORKS YEAR AFTER YEAR, MAKE POSSIBLE THESE ENHIBITIONS, AND THEREBY LEND THEIR AID TO A POTENT FACTOR IN THE ENCOURAGEMENT OF ARTISTIC EXCELLENCE AND POPULAR APPRECIATION; ALSO TO THE ART CLUB FOR THEIR COURTESY IN EXTENDING THE USE OF THEIR GALLERY FOR THE PURPOSES OF THE EXHIBITION, AND TO MR. EARL STETSON CRAWFORD FOR HIS CONTRIBUTION OF THE COVER DESIGN OF THIS BOOK.

TO THE ADVERTISERS, THE OFFICERS AND MEMBERS OF THE T SQUARE CLUB DESIRE TO EXPRESS THEIR APPRECIATION OF THE LIBERAL SUPPORT WHICH HAS GONE FAR TOWARD MAKING THE PUBLICATION OF THE CATALOGUE POSSIBLE

ANNOUNCEMENTS

A NUMBER OF THESE BOOKS ARE RETAINED FOR SALE, AND WILL BE FORWARDED, POST PAID, UPON RECEIPT OF SEVENTY CENTS

CATALOGUES OF PREVIOUS YEARS CAN BE SUPPLIED IN LIMITED NUMBERS AT THE FOL-LOWING RATES, POST PAID.

$_{180}$	97-98	PAPER	COVER	\$1.00
189	98-99	4.4	4.3	1,00
180	99-19cm	CLOTH	* *	1.25
19	ж-1901	h 4	* *	.75
LO	1-1002	6.6	k k	~ 5

THE PLATES USED IN THE ILLUSTRATION OF THIS BOOK ARE PLACED AT THE DISPOSAL OF THE VARIOUS CONTRIBUTORS, WHO MAY OBTAIN THEM BY COMMUNICATING WITH THE SECRETARY, AND PREPAYING CHARGES FOR CARRIAGE.

REGULAR ANNUAL EXHIBITION

1902-1903

Galleries of the Art Club of Philadelphia

JURY OF SELECTION AND HANGING COMMITTEE

The Exhibition Committee of the T Square Club

WILLIAM CHARLES HAYS, Chairman

CHARLES Z. KLAUDER, Vice Chairman

PAUL A. DAVIS, 3D, Treasurer

GILBERT L. HINDERMYER, Secretary

GEORGE BISPHAM PAGE

ALBERT KELSEY

George U. Rehfuss

AND

John Russell, Pope

STEVENS HASKELL

BERTRAM G. GOODHUE

New York

NEW YORK

Boston

Business Representative, JOHN C. BAKER

THE T SQUARE CLUB

OFFICERS, 1902-1903

President

WILLIAM CHARLES HAYS

Secretary

GILBERT L. HINDERMYER
925 Chestnut Street

Vice President

CHARLES Z. KLAUDER

Treasurer

PAUL A. DAVIS, 3D

Executive Committee

WILLIAM CHARLES HAYS, Chairman

Charles Z. Klauder

GILBERT L. HINDERMYER

PAUL A. DAVIS, 3D

GEORGE BISPHAM PAGE

Albert Keisey

George U. Rehfuss

House Committee

J. BENNETT COLESBERRY, Chairman

4.146 Uber Street

IOHN P. B. SINKLER

L. Morris Leisenring

Library Committee

WETHERILL P. TROUT, Chairman

931 Chestuut Street

Alfred M. Githens

THOMAS B. TEMPLE

Entertainment Committee

Andrew J. Sauer, Chairman

860 N. Twelfth Street

JAMES R. HARRIS, JR.

W. Woodburn Potter

Club House at 1204 Lyndael Alley

THE T SQUARE CLUB

MEMBERSHIP

HONORARY

BAUGH, DANIEL,

COATES, EDWARD HORNER,

Pennsylvania Academy of Fine Arts
ELY, THEODORE N.,

Broad Street Station

HARRISON, CHARLES CUSTIS,

MILLER, LESLIE W.,

School of Industrial Art

ACTIVE

ABELE, JULIAN F.,	718 South Twenty-first Street	1901
Anderson, Walter B.,	3258 Walnut Street	1899
	G1 G.	006
Bailey, William Lloyd,	421 Chestnut Street	1886
Bassett, George G.,	1707 Arch Street	1892
BAUM, GEORGE CROLL,	1828 Wallace Street	1897
BERGER, CARL P.,	1416 South Penn Square	1896
BETTS, MORRIS C.,	1010 Harrison Building	1898
BISHOP, THOMAS,	Yards and Docks, League Island	1893
BISSEL, E. PEROT,	303 Philadelphia Bourse	1893
BLITHE, WESLEY LESHER.	101 North Thirty-fifth Street	1898
BODINE, FRANK LEE,	3459 Walnut Street	1897
BOYD, DAVID KNICKERBACKER,	1010 Harrison Building	1891
BOYD, LAWRENCE VISSCHER,	1215 Harrison Building	1891

Brockie, Arthur Howell,	West Walnut Lane, Germantown	1894
BURRELL, HORACE H.,	18 East Walnut Lane, Germant'n	1893
		,,,
CALDWELL, FRANCIS G.,	1229 Walnut Street	1889
CHURCHMAN, C. WHARTON,	1027 Spruce Street	1900
CLOUD, S. ALBERT,	504 Parker Street, Chester, Pa.	1894
Colesberry, J. Bennett,	4446 Uber Street, Germantown	1901
COPE, JOHN S.,	"Aubury," Germantown	1893
COOPER, CONLIN CAMPBELL,	1224 Chestnut Street	1897
D'Ascenzo, Nicola,	1020 Chestnut Street	1896
Davis, Paul A., 3d,	907 Walnut Street	1892
Dawson, Geo. Walter,	Room 419, Dawson House	1900
DAY, FRANK MILES,	925 Chestnut Street	1886
DAY, H. KENT,	925 Chestnut Street	1897
DE MOLL, CARL,	731 Walnut Street	1893
DILLER, WALTER L.,	Crozer Building	1900
Duhring, Herman L.,	1418 South Penn Square	1893
Dull, John J.,	1126 Walnut Street	1884
Dunlap, M. Edmunds,	152 Queen Lane,	1902
	Falls of Schuylkill	
Edmunds, Franklin D.,	808 North Broad Street	1901
EDWARDS, WM. MYER,	2019 North Twenty-second Street	1895
Erskine, Richard,	515 Stephen Girard Building	1900
EVANS, G. GERALD,	1420 Chestnut Street	1891
EYRE, WILSON, JR.,	929 Chestnut Street	1883
FARNAM, DANIEL H.,	215 South Thirty-third Street	1900
FARLEY, F. DE S.,	Drexel Institute	1902
FEUSTMANN, MAURICE M.,	1512 Girard Avenue	1894
FIELD, RICHARD L.,	1414 South Penn Square	1892
FISHER, CLARENCE S.,	903 South Forty-ninth Street	1897
Frank, J. Horace,	2116 Mt. Vernon Street	1897
Furber, Wm. Copeland,	421 Chestuut Street	1897
GARDNER, EDGAR P.,	Drexel Institute, Architect Dept.	1901
GARDNER, CLARENCE,	925 Chestuut Street	1901
, , , , , , , , , , , , , , , , , , , ,	7.0	_

GILBERT, EDWIN,	1201 Crozer Building	1893
GITHENS, ALFRED MORTON,	835 South Forty-ninth Street	1894
GRANT, CHARLES C.,	3326 Walnut Street	1900
GRAY, WILLIAM F.,	Central High School	1891
HARRIS, JAS. R., JR.,	Art Club	1896
HASTINGS, MITCHELL,	328 Chestnut Street	1900
HAYS, FRANK ALLISON,	250 South Thirteenth Street	1888
HAYS, WILLIAM CHARLES,	1012 Walnut Street	1893
HENDRICKSON, EDWARD E.,	925 Chestnut Street	1885
HICKMAN, LOUIS C.,	328 Chestnut Street	1883
Hill, I. Edgar,	1510 Real Estate Trust Building	1897
HILL, MIDGLEY W.,	University of Pa. Dormitories	1901
HILLMAN, CHARLES L.,	Provident Building	1883
HINDERMYER, GILBERT L.,	925 Chestnut Street	1894
Hokanson, Oscar M.,	931 Chestnut Street	1897
Hopkins, Prescott A.,	Drexel Institute, Architect Dept.	1897
Hutchinson, Joseph H.,	904 Stephen Girard Building	1901
Jamieson, James P.,	320 Walnut Street	1889
Johnson, Virgil L.,	14 North Thirty-eighth Street	1901
JUDELL, WALTER W.,	320 Walnut Street	1901
Keisker, Frank H.,	914 Arcade Building	1899
Kellogg, Thomas M.,	1012 Walnut Street	1893
Kelsey, Albert,	931 Chestnut Street	1891
KENNEDY, JAMES N.,	1806 North Thirteenth Street	189‡
KENNEDY, R. G.,	931 Chestnut Street	1883
Ketterer, Gustav,	1417 Chestuut Street	1896
King, Guy,	431 Walnut Street	1886
KIRK, CHESTER H.,	906 Harrison Building	1892
Klauder, Chas. Z.,	925 Chestuut Street	1891
LACEY, ADIN B.,	1020 Chestnut Street	1888
LADD, WESTRAY,	611 Franklin Building	1891
Laird, Prof. Warren P.,	University of Pennsylvania	1891
LEE, CHARLES R.,	Harrison Building	1890
The state of the s		_

MAGAZINER, LOUIS,	609 South Second Street	1899
MEDARY, MILTON B., JR	1414 South Penn Square	1891
Miles, Joseph S.,	129 Gay Street, Manayunk	1896
MILLER, WILLIAM F.,	655 North Eleventh Street Reading, Pa.	1899
MOLITOR, JOHN,	320 Walnut Street	1893
MORRIS, GEORGE SPENCER,	515 Stephen Girard Building	1890
Morse, Henry G., Jr.,	603 Drexel Building	1901
Moses, Arnold H.,	136 South Fourth Street	1883
NEFF. CONRAD P.,	1220 Oxford Street	1897
Nicholson, Arthur I,	Land Title Building Care of Horace Trumbauer	1894
OAKLEY, THORNTON,	1220 Spruce Street	1900
OELSCHLAGER, CHAS. E.,	1009 Harrison Building	1895
OSBORNE, C. FRANCIS,	4045 Sansom Street	1897
PAGE, GEORGE BISPHAM,	1117 Harrison Building	1891
Parry, J. Chas.,	18 South Seventh Street	1893
PEROT, ROBSON LEA,	303 Philadelphia Bourse	1891
Perrot, Emile G.,	1200 Chestnut Street	1897
Poggi, Edmund H.,	4925 Florence Avenue	1901
Potter, Wm. Woodburn,	1913 Spruce Street	1898
PRICE, WALTER,	731 Walnut Street	1892
PRICE, WM. L.,	731 Walnut Street	1883
RANKIN, JOHN HALL,	1012 Walnut Street	1896
Rehfuss, George U.,	Weightman Building	1894
REID, WILLIAM L.,	1201 Crozer Building	1894
REINHOLD, HARRY L., JR.,	430 Walnut Street	1895
RICHARDS, H. DE COURCEY,	709 Walnut Street	1901
RING, JONATHAN,	421 Chestnut Street	1899
Roberts, Spencer,	Weightman Building	1893
Robb, E. Donald,	320 Walnut Street	1901
Robinson, A. Russel,	212 South Fifth Street	1900
Rogers, Laussat R.,	931 Chestnut Street	1898
Rоммет, F. A.,	1904 Spring Garden Street	1900
Ross, Sidney F.,	3604 Walnut Street	1900

SAUER, ANDREW J.,	860 North Twelfth Street	1899
SAVAGE, GEORGE E.,	1007 Witherspoon Building	1896
SCHEETZ, WILLIAM CRAMP,	1115 Stephen Girard Building	1894
Scheffer, Morris,	4083 Manayunk Avenue	1901
SCHENCK, ALBERT F.,	500 North Thirty-fourth Street	1901
SCHERMERHORN, CLARENCE C.,	430 Walnut Street	1891
SCHUCHARDT, WM. HERBERT,	320 Walnut Street	1902
SCHWACKE, JOHN STRUBING,	1012 Walnut Street	1894
SEEBURGER, FRANK,	2516 North Seventeenth Street	1896
Seeler, Edgar V.,	1510 Real Estate Trust Building	1893
SHAW, F. DICKINSON,	321 North Fifth Street, Camden	1900
SHIRK, J. C.,	421 Chestnut Street	1891
SIMON, ED. P.,	1229 Walnut Street	1899
SINKLER, JOHN P. B.,	1606 Walnut Street	1898
SMEDLEY, WALTER,	904 Stephen Girard Building	1888
SMITH, OSCAR L.,	5025 Willows Avenue	1896
SPOERL, CHRISTIAN G.,	University of Penna. Dormitories	1902
STEARNS, G. R.,	1105 Stephen Girard Building	1891
STEWARDSON, EMLEN L.,	320 Walnut Street	1896
STUCKERT, F. RUSSELL,	1421 Chestnut Street	1897
SUPPLEE, WM. F.,	740 North Forty-fourth Street	1896
SWARTHOUT, FREDERICK A.,	611 Franklin Building	1901
SWINDELLS, EDWARD JAMES,	230 North Twenty-second Street	1895
TEMPLE, THOMAS B.,	320 Walnut Street	1900
THOMAS, WALTER H.,	1715 Spruce Street	1899
TITUS, LLOYD,	1324 Arcade Building	1889
TROUT, WETHERILL P.,	931 Chestnut Street	1894
TRUSCOTT, ARTHUR,	Drexel Institute	1883
WARD, HENRY, B	University of Pa. Dormitories	1901
WETHERILL, HERBERT J,	328 Chestnut Street	1900
WHILLDIN, D. OLIVER,	1107 Walnut Street	1900
WIGHTMAN, EDGAR A.,	431 Walnut Street	1893
WINDRIM, JOHN T.,	1107 Walnut Street	1891
WISE, HERBERT C.,	5547 Pulaski Avenue, Germantown	1896
WRIGHT, HENRY,	4 North Fiftieth Street	1900
YEAMANS, G. W.,	Drexel Institute	1902

NON-RESIDENT

Ash, Percy,	1726 N Street, N. W. Washington, D. C.	1888
BANCROFT, FRANCIS WILLARD,	40 Beech Street, Bloomfield, N. J.	1897
BAKER, S. HOUSTON,	1133 Broadway, New York	1901
Betelle, J. Oscar,	111 Fifth Avenue, New York	1898
Bissegger, John J.,	Care of Supervising Architect's Office, Treasury Department, Washington, D. C.	1889
BLAIR, WALTER D.,	Paris, France	1898
Borie, John J.,	Temple Court, New York	1891
Boyden, Amos J.,	723 Newton-Claypool Building Indianapolis, Ind.	1883
BRAZER, CLARENCE W.,	111 Fifth Avenue, New York	1901
CALVERT, LOUIS LAY,	9 West Nineteenth Street, N. Y.	1891
CLEMENT, M. B.,	40 Van Buren Street, Brooklyn	1894
CRAWFORD, EARL STETSON,	939 Eighth Avenue, New York	1901
CRESSON, WILLIAM PENN,	Paris, France	1896
DE GARMO, WALTER C.,	1115 Fifth Ave., New York	1900
ELLIOT, HUGER,	111 West Forty-fifth Street, N.Y.	1900
Fenton, Warden H.,	544 West 113th Street, New York	1901
Geils, August E.,	1664 Boulevard, Jersey City, N. J.	. 206
	, , , , , , , , , , , , , , , , , , , ,	1896
HARRIS, CLINTON G.,	3 East Thirty-third Street, N. Y.	1894
HARRIS, CLINTON G., HAYS, HENRY B.,		
	3 East Thirty-third Street, N. Y.	1894
HAYS, HENRY B.,	3 East Thirty-third Street, N. Y. 35 Wall Street. New York Eighth and Cumberland Streets	1894 1900
HAYS. HENRY B., HAUER, HARVEY T.,	3 East Thirty-third Street, N. Y. 35 Wall Street. New York Eighth and Cumberland Streets Lebanon, Pa.	1894 1900 1893
HAYS. HENRY B., HAUER, HARVEY T., HAWLEY, E. H.,	3 East Thirty-third Street, N. Y. 35 Wall Street. New York Eighth and Cumberland Streets Lebanon, Pa. 106 E. Eighty-sixth Street, N. Y.	1894 1900 1893
HAYS, HENRY B., HAUER, HARVEY T., HAWLEY, E. H., HOOVER, IRA W.,	3 East Thirty-third Street, N. Y. 35 Wall Street. New York Eighth and Cumberland Streets Lebanon, Pa. 106 E. Eighty-sixth Street, N. Y. 184 La Salle Street, Chicago 188 South Grand Avenue	1894 1900 1893 1896 1899
HAYS. HENRY B., HAUER, HARVEY T., HAWLEY, E. H., HOOVER, IRA W., KENT, EDWARD C.,	3 East Thirty-third Street, N. Y. 35 Wall Street. New York Eighth and Cumberland Streets Lebanon, Pa. 106 E. Eighty-sixth Street, N. Y. 184 La Salle Street, Chicago 188 South Grand Avenue Pasadena, Cal.	1894 1900 1893 1896 1899

Mann, Frederick M.,	Washington University, St. Louis	1895
McGowen, John C.,	St. James Building, New York Care of J. R. Pope.	1900
MILLARD, JULIAN,	Phœnix, Ari.	1891
PERKINS, FRANK E.,	111 Fifth Avenue, New York	1891
RAIGUEL, WM. O.,	75 West Washington Place, N. Y.	1901
REID, FREDERICK N.		1896
RUHE, WALLACE E.,	12 North 6th Street Allentown, Pa.	1899
SIEGEL, P. RAYMOND,	Denver, Colo.	1898
SWALES, FRANCIS S.,	New Elks' Building, Detroit	1896
SUTCLIFFE, ARTHUR,	76 Church Street Winchester, Mass.	1900
WATMOUGH, RICHARD L.,	601 Vilsack Building, Pittsburg	1895
WILLAUER, ARTHUR E.,	33 East Seventeenth Street, N. Y.	1896
WILLING, JAMES EDGAR,	1133 Broadway, New York	1900
AS	SSOCIATE	
Boyle, John J.,	Marble Court, Walnut Street	1895
Cook, J. Horace,	Board of Education, 742 City Hall	1900
FARRADY, THOMAS,	1532 South Sixth Street	1900
DEMARTELLY, LOUIS G. G.,	1107 Walnut Street	1900
PETRY, VICTOR J.,	1205 Walnut Street	1900
PILCHER, PROF. LOUIS F.,	Vassar College, Poughkeepsie New York	1895
VAUX, WILLIAM S., JR.,	515 Stephen Girard Building	1900
WAGER-SMITH, E.,	1026 Ridge Avenue	1897
DECEAS	SED MEMBERS	
ARTHUR SPAYD BROOKE	Adolf C. Munoz	
ARTHUR COCHRAN	C. O. Provost	
WALTER COPE	John C. Sims	
Samuel R. Davis	HOWARD SPRUANCE	
HARRISON G. KIMBALL	JOHN STEWARDSON	
JOHN MOSS	HENRY GILLETTE WOODMA	LN .

A RECORD OF

THE TRAVELING SCHOLARSHIPS IN ARCHITECTURE

AWARDED IN PENNSYLVANIA

UNIVERSITY OF PENNSYLVANIA SCHOLARSHIP 1893–1896

James P. Jamieson	1893
George Bispham Page	1894
Percy Ash	1895
Albert Kelsey	1806

JOHN STEWARDSON MEMORIAL SCHOLARSHIP Founded 1897

HERMAN LOUIS DUHRING	1897
WILLIAM CHARLES HAYS	1898
ARTHUR HOWELL BROCKIE	1899
Alfred Morton Githens	1900
IRA WILSON HOOVER	1901
IOHN MOLITOR	1002

THE T SQUARE CLUB SCHOLARSHIP Founded 1900

LLOYD TITUS	1900
WETHERILL P. TROUT	1901
L. Morris Leisenring	1002

"IN REVIEW"

HIS Catalogue of the Exhibition is presented believing that it will be found of interest not only to the Architectural profession and the technical journals, but to the art-loving public as well. That the book will be judged only in a friendly spirit of consideration is assumed, since it is the production of those necessarily unpracticed in the technicalities of publication, whose time is largely limited by the demands of active business.

The numerous printed criticisms and reviews of former books have been appreciated. Whether favorable or adverse in nature, they have been laden with suggestions, which, embodied in later works where possible, have tended to a constant improvement in the effectiveness of the book as a resumé of things architectural for the year.

In retrospect one sees certain important events which differentiate themselves from the even trend of things, some of which it is intended to mention here. First of these, in point of time, is the Competition for the Soldiers' and Sailors' Monument During the early spring the City of Philadelphia appropriated a sum of money to defray the expense incident to securing plans, and at the same time a suitable plot of ground in the center of Logan Square was set aside for that specific use. A committee, appointed conjointly by the T Square Club and the local Chapter of the Institute, to act in an advisory capacity, was entrusted to draw up a Programme of Competition, to name the judges and to aid in directing the general execution of the scheme. This committee carried the work to a successful conclusion, though in commenting on the outcome of the Competition it must be noted with regret that the names of Philadelphia architects of prominence are lacking from the list of some sixty competitors.

SOLDIERS'
AND SAILORS' MONUMENT COMPETITION

Though the prizes offered were all taken from Philadelphia, the city is to be congratulated that, when the recommendation of Councils is carried out, the work is to be entrusted to a firm so well equipped to assure a worthy and fitting memorial to the Soldiers, Sailors and Marines who served in the War for the Suppression of the Rebellion.

THE ACADEMY SCHOOL AND ITS SCHOLAR-SHIPS Not more than ten years ago training in design was to be had in but two ways, either by participating in the strong series of Competitions maintained by the T Square Club, or by study at the then robust infant Architectural School of the University of Pennsylvania. Since that time numerous courses for both day and night classes have been offered by various schools, the most recent being that of the Pennsylvania Academy of the Fine Arts. Under the direction of its well-organized corps of instructors it has been inaugurated most auspiciously, and results of exceptional merit are to be looked for, since the pupils of its first class have been chosen from among men well advanced in technical training. The prescribed courses are of a broad and comprehensive nature, giving due recognition to those arts which closely ally themselves with Architecture.

With the new School there is founded another free Scholar-ship affording to its beneficiary three years of study abroad; in both its endowment and administation the most liberal yet established in America. The prize is offered to that member of the Academy Class who shall, by the year's work, best demonstrate to the faculty his fitness and worthiness. This recognized importance of continued excellence in distinction to spasmodic effort, is to be commended, since individual temperament often handicaps the most able men working under the nervous pressure of competition.

CLUB WORK

The founding of the Academy School and its Scholarships has in some measure effected the work in design outlined by the T Square Club, which has this year assumed a two-fold nature. For the nineteenth consecutive year the series of regular

monthly Competitions continues, but in lieu of the Club Scholarship of the last three years, two prizes will be awarded. The first admits its winner to the Academy School without entrance examination, pays the expenses of tuition, etc., for the course, and thereby opens the way to a prize of far greater value than it is in the power of the Club to offer. The second prize, applied in the same way, will be of material value. The winner of either has the option of receiving the equivalent of his prize in money or Architectural books of his choice.

A popular innovation is the Sketch Class, meeting frequently for work in the solution of rapid design problems. A number of the stronger men are finding this work of utmost value to develop directness of thought and facility of indication. To Mr. Paul A. Davis, 3d, who has this Class in charge, the Club is very deeply indebted.

The work of the Club, if it be worthy of recognition at all, must necessarily be larger, broader, more comprehensive than the Competitions which it holds. These are but incidents, participated in by the few—not the many—and are often looked npon merely as providing occasions for feats of draftsmanship. Be this as it may, however, there has been a degree of excellence attained in the drawings in last year's contests which deserves especial comment here. The series of subjects, each pertaining to some phase of street embellishment, possess vital, present interest. In each instance notably mature, "arrived" solutions, well presented, were handed in. Judging by their work Messrs. Leisenring, third winner of the Club Scholarship, Poggi and Richards, very close second and third competitors, have set a standard of design which the Club will do well to sustain.

Apropos of Classes, the time seems to have come when consideration must be given to the pertinent question, whether or not, in view of the increased number of well-equipped schools, the legitimate direction for club education work is not SKETCH DESIGN CLASS

BOULEVARD SERIES OF COMPLIT- in the fields of craftsmanship and materials as related to Architecture.

IMPROVE-MENT IN PUBLIC UTILITIES In the awakening, manifest generally throughout the country, as to the important bearing of material conditions upon civic development. Philadelphia has recognized the relative importance of great public utilities, especially those of a sanitary nature. First thought has wisely been turned toward the important question of water supply. The city's immense filteration system, designed to ensure a clear, pure supply, ample for all needs of the present and the near future, is already operating in part and will within a short time be an accomplished fact. Meanwhile the constant, reiterating prominence given in both official circles and the public press, justifies the belief that the immediate future is to see great activity in the direction of providing modern, safe and sanitary establishments for the Municipal Institutions which care for the city's sick, insane and poor.

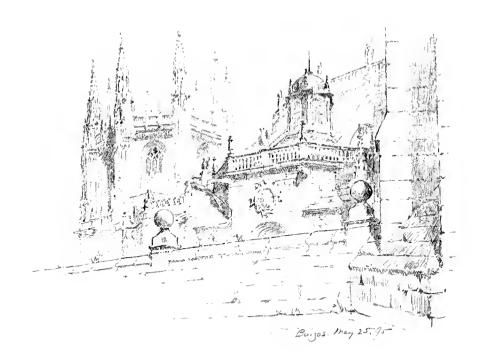
THE CITY
BEAUTIFUL

Still another urgently-needed improvement, "The City Beautiful" will, there is sufficient reason to believe, soon become the subject of official sanction, it being confidently hoped that the present administration will take the important step of placing on the city's plans the proposed Boulevard, or Parkway, from the City Hall to Fairmount Park. This movement has repeatedly been endorsed by the T Square Club, and other societies, and the culmination has been reached by the formation of the Parkway Association. In the recent "Parkway" publication, the Hon. James M. Beck says, in part, "The Bonlevard project will not die. Its vitality is due to its inherent worth. Excepting the improvement of our water supply . . . it may be questioned whether there is any project which means so much to the welfare and advancement of Philadelphia as the construction of this Boulevard. To keep pace with its many rivals, and especially to pass them, it is necessary that a city should be made attractive

having some distinct features of exceptional beauty, of which its people may justly boast, and with which it may attract strangers within its gates. In this sense beauty is not a luxury, but a vital necessity. . . . Apart from the pleasure of our own people Philadelphia should attract the attention of the world most by having some great distinctive thoroughfare, which will yield to none in beauty. . . . To construct it before it is too late is the plainest dictate of prudence and wisdom. To neglect it would be immeasurable folly, for which future generations would hold the present justly accountable. . . . If Philadelphia, the eighth city in the world, confesses itself unequal to this splendid project, it will admit that it has no just place among the leading cities of the modern world.

THE PAREWAY BOULE-







INDEX OF EXHIBITS

ALLEN, FRANCIS R.—220 Devonshire Street, Boston, Mass.

- Library Interior—House of Richard P. Marvin, Esq., Akron, Ohio.
- 2 "Sonnenberg"—Residence of Mrs. F. F. Thompson, Canandaigua, New York.

BAILEY & TRUSCOTT.—421 Chestnut Street, Philadelphia.

3 Campanile—Church of St. Elizabeth, Sixteenth and Mifflin Streets, Philadelphia.

BEEZER BROS.—601 Vilsack Building, Pittsburgh, Pa.

- 4 Country House at Ebensburg, Pa.
- 5 Residence for Mr. Thomas Lynch.

BOYD, DAVID KNICKERBACKER.—Harrison Building, Philadelphia.

- 6 Residence of Arthur P. Baugh, Esq., Wynnewood. (Photographs.)
- 7 Residence of Arthur P. Baugh, Esq., Wynnewood. (Perspective.)
- 8 Residence of Wm. Henry Sayen, Esq., Wayne, Pa. (Photographs.)
- 9 Residence No. 810 Pine Street, Philadelphia. (Photographs.)
- 10 Sketch for a Suburban House.
- 11 Residence at St. Davids, Pa., for Col. Theo. E. Weidersheim. (Photographs.)

BOYD, LAWRENCE VISSCHER.—1215 Harrison Building, Philadelphia.

- 12 House at Ogoutz, Pa.
- 13 Stable at Elkius, Pa.
- 14 Sketch for Country House.
- 15 Residence at Wayne, Pa.

BROCKIE, ARTHUR II.—328 Chestnut Street, Philadelphia.

- 16 Preliminary Sketch "A" for House in White Marsh, Pa.
- 17 Preliminary Sketch "B" for House in White Marsh, Pa.
- 18 Summer Cottage at Islesboro, Maine.
- 19 Country House at Chestnut Hill, Philadelphia, for John A. Harris Ir

BUDD, K. C.—32 West Thirty-third Street, New York.

- 20 Cottage
- 21 Hotel in the Adirondacks.

CHAPMAN DECORATIVE CO.—1417 Chestnut Street, Philadelphia.

- 22 Hall in House of Mr. John O. Gilmore, Overbrook, Pa.
- 23 Mural Decorations in Jewish Temple Kenesth-Israel, Philadelphia.
- Mural Decorations in Jewish Temple Kenesth-Israel, Philadelphia.

CHURCHMAN, C. WHARTON.—Paris, France.

- 25 St. Trophime, Arles, France.
- 26 Porch of St. Trophime, Arles, France.
- 27 Sketch at Pompeii.
- 28 Della Robbia Frieze, Pistoia.
- 20 Church of St. Cesareo, Rome.
- 30 Sketch in Venice.

CLARK, APPLETON P., JR. -605 F Street N. W., Washington, D. C.

- 31 Residence of Mr. Thomas M. Gale, Washington, D. C.
- 32 Theatre, Lima, Peru.

COLLEGE OF ARCHITECTURE, CORNELL UNIVERSITY, ITHACA, N. Y.

ACKERMAN, FRED. L.

- 33 A Pautheon.
- 34 A Museum of Fine Arts for a Small City. (Perspective.)

SMITH, J. ANDRÉ.

- 35 A Monumental Staircase.
- 36 A Museum of Fine Arts for a Small City. (Plan.)
- 37 A Museum of Fine Arts for a Small City. (Elevations.)

COLLINS, CHARLES.—220 Devonshire Street, Boston, Mass.

- 38 A Fragment from The Parthenon. (Medal Drawing, Ecole des Beaux Arts.)
- 39 Notre Dame de Paris. (Pen and Ink Rendering.)

COOLIDGE & CARLSON.—22 Congress Street, Boston.

- 10 ''Dreamwold''—The Farm of Thomas W. Lawson. (Photographs.)
- 41 "Dreamwold"—The Farm of Thomas W. Lawson. (Photographs.)
- 42 Hampden Dormitory, Cambridge, Mass.
- 43 J. C. R. Peabody Camp, Upper St. Regis Lake, N. Y.

COPE & STEWARDSON,—320 Walnut Street, Philadelphia.

- 44 Chapel, St. Mark's Church, Philadelphia.
- 45 Chapel, St. Mark's Church, Philadelphia.
- 46 Chapel, St. Mark's Church, Philadelphia.
- 47 Chapel, St. Mark's Church, Philadelphia.
- 48 Chapel, St. Mark's Church, Philadelphia.
- 49 Washington University, St. Louis.
- 50 Washington University, St. Louis.
- 51 Washington University, St. Louis.
- 52 Washington University, St. Louis.
- 53 Entrance, Mary Institute, St. Louis.

CRAM, GOODHUE & FERGUSON.—53 State Street, Boston.

St. Mary's Church, Walkerville, Ontario.

55 Chapel for St. John's School, Manlius, N. Y. (Perpective and Plan.)

SWEETBRIAR INSTITUTE, AMHERST, VA.

- General View.
- The Ramp. 57
- 58 Library from Upper Terrace.
- 59 Gymnasium from the Base-Court.

CRAWFORD, EARL STETSON.—Van Dyck Studio, 939 Eighth Ave., New York.

60 A Decorative Overmantel.

DAY, FRANK MILES & BRO. -925 Chestnut Street, Philadelphia.

MUNICIPAL HOSPITAL FOR DISTRICT OF COLUMBIA.

- Block Plan.
- 62 Plans of Administration Building.
- 63 Elevation of Administration Building.
- Plans and Elevation of Nurses' Home.
- Plans and Elevations of Ward Building and Plans of Surgical and Pathological Buildings.
- Transverse and Longitudinal Sections, through Surgical Building and Medical and Surgical Autopsy Theatres.

D'ASCENZO, NICOLA,—1020 Chestnut Street, Philadelphia.

- 67 Design for Stained Glass for St. John's Church, Pittsburgh.
- Design for Stained Glass for St. John's Church, Pittsburgh. 68
- Design for Stained Glass for St. John's Church, Pittsburgh.
- Design for Stained Glass for St. John's Church, Pittsburgh. 70
- Decorative Panel in a Garden. 7 I
- Design for Leaded Glass, "Water Nymph."
- Head of Justice, Ebensburg Court House, Ebensburg, Pa.
- Sketch for The Ascension, in St. Matthew's Church, Broad and Mt. Vernon Streets, Philadelphia.
- Sketch for Tabard Inn Library, Philadelphia.
 Cartoons for Stained Glass in Tabard Inn Library, Philadelphia.
- Cartoons for Stained Glass in Tabard Inn Library, Philadelphia. 77
- 78 Cartoon for Stained Glass Window for Class of 1902, Woman's College of Baltimore, Baltimore, Maryland.

DUHRING, H. L., JR.—1418 South Penn Square, Philadelphia.

- 79 Measured Drawing of the Campanile of St. Mark's, Venice.
- 80 Sketch at Buffalo, N. Y.

DUHRING, OKIE & ZIEGLER.—1418 South Penn Square, Philadelphia.

- 81 Sketch for House at Daylesford, Pa.
- 82 Sketch for House at Rosemont, Pa.
- 83 Entrance Hall in House for Mrs. Win. Logan Fox.

EDMUNDS, FRANKLIN D,—So8 North Broad Street, Philadelphia.

84 Sketch at Guadalajara, Mexico.

ERSKINE, RICHARD.—515 Stephen Girard Building, Philadelphia.

85 Sketch of Old House, Darby, Pa.

EYRE, WILSON, JR.—929 Chestnut Street, Philadelphia.

- 86 Cottage at Great Neck, Long Island, N. Y.
- 87 Sketch for Shooting Lodge.
- 88 Residence at Lennox, Mass.
- 89 Houses at Roland Park, Baltimore, Md.
- 90 Plan of Houses at Roland Park, Baltimore, Md.
- 91 Sketch for Living Room, Residence on Gifford Avenue, Jersey City, N. J.
- 92 Sketch for Dining Room, Residence at Binghampton, N. Y.
- 93 Sketch for Living Room, Residence at Bradford Hills, Pa.
- 94 Country Residence near Philadelphia.
- 95 Country Residence near Philadelphia. (Plan.)

FARRADY, THOS. P.—1515 Arch Street, Philadelphia.

- 96 Louis XIV Salon Design. (Ceiling.)
- 97 Louis XIV Salon Design. (Side Wall Elevation.)

FENTON, WARDEN H.—Columbia University School of Architecture, New York.

98 Sketch Problem for a Sun Parlor.

FLAGG, ERNEST.—35 Wall Street, New York.

U. S. NAVAL ACADEMY AT ANNAPOLIS.

- 99 General Plan.
- 100 Cadet Quarters. (Elevation.)
- 101 Cadet Quarters. (Section.)
- 102 Cadet Onarters. (Interior Perspective.)
- 103 Perspective of Chapel.

FREEDLANDER, J. H.—244 Fifth Avenue, New York.

NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS, IOHNSON CITY, TENN.

- 104 Hospital Group. (Plan)
- 105 Hospital Group (Elevation.)
- 106 Barracks. (Elevation.)
- 107 Power House. (Elevation.)

GILBERT, CASS.—III Fifth Avenue, New York.

Fine Arts Buildings, Louisiana Purchase Exposition, St. Louis.

- 108 Garden Elevation.
- 109 Front Elevation.
- 110 Perspective of Main Entrance.
- 111 Sketch of Cloister at Palermo, Sicily.

HABERSTROH, L. & SON.—9 Park Street, Boston.

- 112 Sketch for decoration of Auditorium, Majestic Theatre, Boston.
- 113 Reproduction of Door in Boudoir of Marie Antoinette at Fontaineblean.

HALDEN, JOHN C.—35 Congress Street, Boston.

114 Stair of the New Public Library, Boston.

HALE, HERBERT D., AND MORSE, HENRY G., JR.—1075 Drexel Building, Philadelphia.

- 115 Proposed Atlantic City Hotel.
- 116 Competitive Design for Rittenhouse Club.

HARRIS. CLINTON G. -3 East Thirty-third Street, New York.

- 117 St. Giles Rectory, Oxford.
- 118 Sketch of the Bishop's House at Lincoln.
- 119 At "Salwarp Court" in Worcestershire.
- 120 L'eglise de St. Jacques, Lisieux.
- 121 La Rue St. Julien, Domfront.
- 122 Along the Voorstraat-Haven, Dordrecht.
- 123 The Cathedral Court at Gerona.
- 124 Bank of Philip II, at Madina del Campo.
- 125 Plan of the Rose Garden at Aranjuez.
- 126 In the Garden of the Picolo Paradiso, Ana Capri.
- 127 An Early April Morning in Pennsylvania.

HASTINGS, T. MITCHELL, -328 Chestnut Street, Philadelphia.

- 128 Sketch on the Lungarno, Pisa, Italy,
- 129 The Villa Borghese at Rome, Italy.
- 130 Paris Roofs and Chimneys.
- 131 Photographs of a Racing Stable at Devon, Pa.
- 132 Sketch of Front Door to a Residence at Devon, Pa.

HAYS, WILLIAM CHARLES.—1012 Walnut Street, Philadelphia.

Competitive Design—Boston Athenaeum.

- 133 Plan of First Floor.
- 134 Plan of Second Floor.
- 135 Front Elevation.
- Competitive Design for The Soldiers' and Sailors' Monument, Philadelphia. (Elevation.)

HEACOCK & HOKANSON.—931 Chestnut Street, Philadelphia.

- 137 Residence of Mr. H. L. Murphey, Elkins, Pa.
- JOHNSON, LINDLEY.—Harrison Building, Philadelphia.
 - 138 Country Residence of Mrs. Robert W. Lesley, Haverford, Pa.

JOHNSON, THOS. R.—111 Fifth Avenue, New York.

- 130 Book Plate.
- 140 Electrolier, Municipal Art Society Competition.

KEEN, CHARLES BARTON,—1604 Chestnut Street, Philadelphia.

- 141 Sketch of Houses at Carlisle, Pa., for Mr. A. F. Bedford.
- 142 Sketch of House at Atlantic City.
- Photograph of House on DeLancey Street, Philadelphia, for Judge Chas. V. Audenried.

KEEN, CHAS, B. AND MEAD, FRANK E.—Philadelphia and New York.

- Perspective of House at Saratoga Springs, N. Y. (Rendered by L. M. Leisenring.)
- 145 Sketch of Station at Watermill, for the Long Island R. R. Co.

KELSEY, ALBERT, -931 Chestnut Street, Philadelphia.

- 146 A Small Town Hall
- 147 Interior Details of City House.
- 148 Interior Details of City House.

KETTERER, GUSTAV.—1417 Chestnut Street, Philadelphia.

149 Color Study in Capella Palatina, Palermo, Sicily.

KILHAM & HOPKINS,-9 Park Street, Boston, Mass.

- 150 Living Room in Bungalo, Medfield, Mass.
- 151 Technology Chambers, Boston.

LACEY, ADIN B. AND HAYS, WILLIAM CHARLES.—1020 Chestnut Street, Philadelphia,

ACCEPTED COMPETITIVE DESIGN FOR YOUNG MEN'S CHRISTIAN ASSOCIATION, CHESTER, PA.

- 152 Second Floor Plan.
- 153 Perspective.

LACEY, ADIN B .- 1020 Chestnut Street, Philadelphia.

Competitive Design for Muhlenburg College, Allentown, Pa.

- 154 Perspective.
- 155 Block Plan.
- 156 Small Country House, Wyncote, Pa.

LAVALLE, JOHN.—85 Devonshire Street, Boston.

- 157 Sketch for House at Cohasset, Mass.
- 158 Sketch for House at Cohasset, Mass.
- 159 View of House at Cohasset, Mass.
- 160 View of House at Dublin, N. II.

LEAVITT, C. W., JR.—15 Courtlandt Street, New York.

- 161 Garden and Garden Architecture at Riverdale, New York.
- Grounds and Garden at Glen Cove, Long Island—Estate of F. S. Smithers, Esq.
- LICHT, GEO. A.—244 Fifth Avenue, New York.
 - 163 Design for a Small Library. (Main Elevation.)
 - 164 Design for a Small Library. (Side Elevation.)

LORD & HEWLETT.—16 East Twenty-third Street, New York.

Accepted Competitive Design for Soldiers' and Sailors' Monument, Philadelphia.

- 165 Elevation.
- 166 Plan.
- 167 Section.
- 168 Perspective.

MORRIS & VAUX.—515 Stephen Girard Building, Philadelphia.

169 Sketch of a House at Malvern, Pa.

NEWMAN & HARRIS.—1617 Real Estate Building, Philadelphia.

- 170 Town House on Walnut Street, Philadelphia.
- Model of Doorway to Town House, Walnut Street, Philadelphia.
- 172 Steelton National Bank, Steelton, Pa.
- 173 Suburban House, West Philadelphia.

OAKLEY, THORNTON,—1220 Spruce Street, Philadelphia.

174 Dordrecht.

OLMSTEAD BROS.—Brookline, Mass.

- 175 A Formal Garden for a Residence at Ridgefield, Conn.
- 176 A Formal Garden at Asheville, N. C.
- 177 A Formal Garden at Newport, R. I.
- 178 A Formal Garden at Tuxedo Park, N. Y.
- 179 A Formal Garden, South Terrace and Pergolas, Sewickley, Pa.
- 180 "Laurento." Formal Garden at Radnor, Pa.
- 181 Rose Garden at "The Point," Seabright, N. J.

ORR, HUGH,-15 Exchange Street, Boston.

Competitive Design for Soldiers' and Sailors' Monument, Philadelphia.

- 182 Elevation.
- 183 Section.
- 184 Perspective.

PALMER & HORNBOSTEL.—63 William Street, New York.

- 185 Country Houseat Coscob, N. Y., for Mr. Gotthold. (Perspective.)
- 186 Country House at Coscob, N. Y., for Mr. Gotthold. (Interior.)
- 187 Country House at Coscob, N. Y., for Mr. Gotthold. (Interior.)
- 188 Country House at Coscob, N. Y., for Mr. Gotthold. (Interior.)
- 189 Country House for Mr. Pupine.

PARIS, W. FRANCKLYN, -315 Fifth Avenue, New York.

- 190 Library Table for Residence.
- 141 Bookcases for Residence.
- PARSONS, W. E .- 156 Fifth Avenue, New York.

ESTABLISHMENT FOR FREE AND PAYING BATHS.

IST CLASS PROJET, ECOLE DES BEAUX ARTS.

- 192 Plan.
- 193 Elevation.
- 194 Sketch for Dormitory, Miss Porter's School, Farmington, Conn.

PEABODY & STEARNS.—53 State Street, Boston.

- 195 "Pennshurst" at Narberth, Pa. (Terrace Front.
- 196 "Pennshurst" at Narberth, Pa. (Entrance Front.)

PEART, CAROLINE.—1723 Chestnut Street, Philadelphia.

197 Court of Myrtles, Alhambra,

PEROT & BISELL.—303 Philadelphia Bourse, Philadelphia.

- 198 Study for House at Radnor, Pa.
- 199 Stable near Greenville, Delaware.
- 200 Residence near Greenville, Delaware.

POGGI, EDMUND HOWE,—4925 Florence Avenue, Philadelphia.

- 201 An Elevated Railroad Station. (First Mention, T Square Club Competition.)
- 202 A Group of Street Accessories. (Second Mention, T Square Club Competition.)
- 203 Advertising Kiosk. (First Mention, T Square Club Competition.)

RANKIN & KELLOGG, -1012 Walnut Street, Philadelphia.

- U. S. COURT HOUSE AND POST OFFICE, INDIANAPOLIS, INDIANA.
- 204 Accepted Competitive Design. (Elevation.)
- 205 Detail of Entrance Pavilion.
- 206 Chambers-Wylie Presbyterian Church, Philadelphia. (Interior.)
 BOSTON ATHENAEUM COMPETITIVE DRAWINGS.

207 First Floor Plan.

- 208 Second Floor Plan.
- 209 Front and Side Elevations.

REITH, WM.—134 North Seventh Street, Philadelphia.

210 Crucifixion in the Mediæval. Gothic style.

RICHARDS, H. DECOURCY.—907 Walnut Street, Philadelphia.

- 211 A Small City Square. (First Mention, T Square Club Competition.)
- 212 A Public Wash House. (Second Mention, T Square Club Competition.)
- 213 A Group of Street Accessories. (First Mention, T Square Club Competition.)

ROBB, E. DONALD-421 Broad Street, Chester, Pa.

- 214 Trinity College, Cambridge.
- 215 Notre Dame from S. E.
- 216 Amiens, Rheims and Notre Dame Cathedrals.

ROBERTS, SPENCER.—1524 Chestnut Street, Philadelphia.

- 217 House at Sea Girt, N. J.
- 218 Free Public Library of the City of Trenton. (Photographs.)
- Free Public Library of the City of Trenton. (Photographs.)

ROSBORG, C. F.—35 Wall Street, New York.

220 Proposed Theatre to be Erected in New York.

SECOND PRIZE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA.

- 221 Elevation.
- 222 Plan.
- 223 Section.
- 224 Perspective.

ROSS, ALBERT RANDOLPH.-156 Fifth Avenue, New York.

CARNEGIE LIBRARY OF NASHVILLE, TENN.

- 225 Front Elevation.
- 226 Plan of First Floor.

RUHE, WALLACE E.—Allentown, Pa.

- 227 National Bank of Catasauqua, Pa.
- 228 National Bank of Catasaugua, Pa.

SAUER, ANDREW J.—860 North Twelfth Street, Philadelphia.

229 Sketch, Plan and Elevation for a Lighthouse and Signal Station.

SCHENCK, ALBERT F.—Real Estate Trust Building, Philadelphia.

230 Courtyard in Blind Asylum, Overbrook, Pa.

SCHERMERHORN, C. E.—430 Walnut Street, Philadelphia.

231 House for Mr. J. H. Yocum, Bryn Mawr, Pa.

SHURTLEFF, ARTHUR A.—9 West Cedar Street, Boston.

- 232 Arrangement of Farm Buildings and Farm, Kearsarge, N. H.
- 233 Plan of the Town Square, Nantucket, Mass.
- 234 Sketch of a Small Garden, West of Boston.

SONNTAG, LOUIS-24 East Twenty-third Street, New York.

235 A Country Church, Beaux Arts Society Competition.

STURGIS & BARTON.—19 Exchange Place, Boston.

- 236 Reception Room of House in Chicago.
- 237 Library of House in Chicago.
- 238 Parlor of House in Chicago.
- 239 Hall of House in Chicago.
- 240 Billiard Room of House in Chicago.
- 241 Dining Room of House in Chicago.

TOTTEN, GEO. O., JR.—Sor Nineteenth Street, Washington, D. C.

212 Almshouse for District of Columbia.

TOTTEN & ROGERS.—931 Chestnut Street, Philadelphia.

- 243 House of J. Wallace Morrell, Esq.
- 244 Photographs of House of Hon, H. A. Taylor.

SCHOOL OF ARCHITECTURE, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA

ABELE, JULIEN F.

- 245 A Cathedral. (Plan.)
- 246 A Cathedral. (Elevation.)

BICKLEY, G. H.

- 247 A Parish Church. (Plan.)
- 248 A Parish Church. (Elevation.)

DENTZ, J. G.

- 249 A Governor's Mansion. (Plan.)
- 250 A Governor's Mansion. (Elevation.)

SPOERL, C. G.

- 251 Building for a School of Architecture. (First Floor Plan.)
- 252 Building for a School of Architecture. (Second Floor Plan.)
- 253 Building for a School of Architecture. (Front Elevation.)

HOWELL, C. E.

- 254 A Small Public Library. (Plan and Section.)
- 255 A Small Public Library. (Elevation.)

HANSEN, ANNE MELANIE.

256 Embroidered Chairback.

SCHOOL OF ARCHITECTURE, WASHINGTON UNIVERSITY, ST. LOUIS

FESSENDEN, C. H.

257 An India Ink Rendering.

MILLER, ALBERT D.

258 Design for a Monument to John Ericsson.

SWALES, FRANCIS S.

259 Design for a Monument to John Ericsson.

ADDENDA

ACKERMAN & ROSS,—156 Fifth Avenue, New York.

FOURTH PRIZE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA.

- 260 Elevation.
- 261 Section.
- 262 Plan.
- 263 Perspective.

BARBER, DONN,—24 East Twenty-third Street, New York.

- 264 General Plan, Farmstead for Richard Delafield, Tuxedo, N. Y.
- 265 Perspective of Farmhouse and Barn for Richard Delafield, Tuxedo.
- 266 Perspective of Greenhouse and Pergola.

Competitive Design for Soldiers' and Sahlors' Monument, Philadelphia.

- 267 Plan.
- 268 Elevation.

BRITE & BACON.—111 Fifth Avenue, New York.

PUBLIC LIBRARY AT PATERSON, N. J.

- 260 First Floor Plan.
- 270 Second Floor Plan.
- 271 Elevation.
- 272 Perspective.

HOWARD, JOHN G. AND WAID, D. E.—156 Fifth Avenue, New York.

273 Long Island College Hospital. (Perspective.)

KIRK, CHESTER H.—901 Harrison Building, Philadelphia.

- 274 "Royal Oaks," Residence at Nashville, Tenn., for Mrs. J. W. Baker.
- 275 "Royal Oaks," Residence at Nashville, Tenn., for Mrs. J. W. Baker.



THE SCHOLARSHIPS

IRA W. HOOVER

Fifth Holder—John Stewardson Memorial Scholarship 184 LaSalle Street, Chicago.

ENVOIS

276 277 278 279 280 281 282 283 284 285	Windsor Castle, from Eton. (Sketch.) Haddon Hall, from the Terrace. (Sketch.) Haddon Hall, from the Meadows. (Sketch.) Bell Hotel, Tewksbury. (Sketch.) Black Bear Tavern, Tewksbury. (Sketch. House at Stratford on Avon. (Sketch.) Cæsar's Tower, Warwick Castle. (Sketch.) Cottage near Kenilworth. (Sketch.) Magdalen Hall, Oxford. (Sketch.) Salisbury Cathedral, from Southeast. (Sketch.)	ENGLAND
286	Les Portes du Jubé, St. Etienne du Mont, Paris. (Measured Drawing.)	FRANCE
287	Lateral Doorway of St. Germain des Pres, Paris. (Measured Drawing.)	
288	Interior of St. Germain des Pres, Paris. (Sketch.)	
289	Musee de Cluny, Paris. (Sketch.)	
290	Chapelle de Jesus Ouvrier, Paris. (Sketch.	
291	Garden Accessories, St. Cloud. (Sketch.)	
292	Dairy Bridge at Versailles. (Sketch.)	
293	Petit Trianon, Versailles. (Sketch.)	
296	Old House, at Vitré. (Sketch.)	
297	Château, at Vitré. (Sketch.	
298	A Court at Vitré. (Sketch.)	
294	La Vaucelle, at St. Lo. (Sketch.)	
295	La Vaucelle, at St. Lo. (Sketch.)	
299	Portal, St. Michele at Le Puy. (Sketch.)	
300	At Le Puy. (Sketch.)	
301	Lateral Entrance, Notre Dame de Port Clermont-Ferrand. (Sketch.)	
302	The Crypt of Mont St. Michele. (Sketch.)	
303	At Bayeux. (Sketch.)	
304		
305	At Lisieux. Sketch.)	
306	Vieux Colombier, Vitry sur Seine. (Sketch.)	

307	Montalbaan's Tower, Amsterdam.	HOLLAND
308	Arch of Titus, Rome, Elevation. (Measured Drawing.)	ITALY
309	Arch of Titus, Rome, Plan. (Measured Drawing.)	
310	Arch of Titus, Rome, Section. (Measured Drawing.)	
311	Entrance Doorway of Palazzo Venezia, Rome.	
.,	(Measured Drawing.)	
312	Ceiling, Palazzo Massimi, Rome. (Measured Drawing.)	
313	In the Courtyard of the Palazzo Massimi, Rome. (Sketch.)	
314	Entrance Portico of the Palazzo Massimi, Rome. (Sketch.)	
315	Arcades of the Colosseum, Rome. (Sketch.)	
316	In the Borghese, Rome. (Sketch.)	
317	S.S. Giovanni e Paolo, Rome. (Sketch.)	
318	A Fountain at Viterbo. (Sketch.)	
319	A Window in Perugia. (Sketch.)	
320	In Perugia. (Sketch.)	
321	S. Pietro at Assisi. (Sketch.)	
322	At Siena. (Sketch.)	
323	At Siena. (Sketch.)	
324	At Siena. (Sketch.)	
325	Pazzi Chapel, Santa Croce, Florence (Sketch.)	
326	Ospedale del Ceppo, Pistoia. (Sketch.)	
327	Cortile of Palazzo Fava, Bologna. (Sketch.)	
328	Mercato Vecchio, Verona. (Sketch.)	
329	1 Gesuati, Venice. (Sketch.)	
330	In Venice. (Sketch.)	
331	In Venice. (Sketch.)	
332	S. Maria della Salute, Venice. (Sketch.)	
333	Marble Table in Neapolitan Museum. (Measured Sketch.)	
334	Funereal Procession, Wall Painting in Neapolitan	
	Museum. (Copv.)	
335	Wall Paintings from Casa Viti, Pompeii. (Copy.)	
336	Casa di Pansa, Pompeii. (Sketch.)	
337	At Paestum. (Sketch.)	
		SICILY
338	Temple of Juno at Girgenti. (Sketch.)	CIOIL.
339	Temple of Juno at Girgenti. Sketch.)	
340	At Taormina. (Sketch.)	1
341	At Taormina. (Sketch).	
r.		,
F-		1
	Co. 20 Marie 1	
		4
		1
	The second of th	1
		·

L. MORRIS LEISENRING

THIRD HOLDER—T SQUARE CLUB SCHOLARSHIP

77 Washington Place, New York

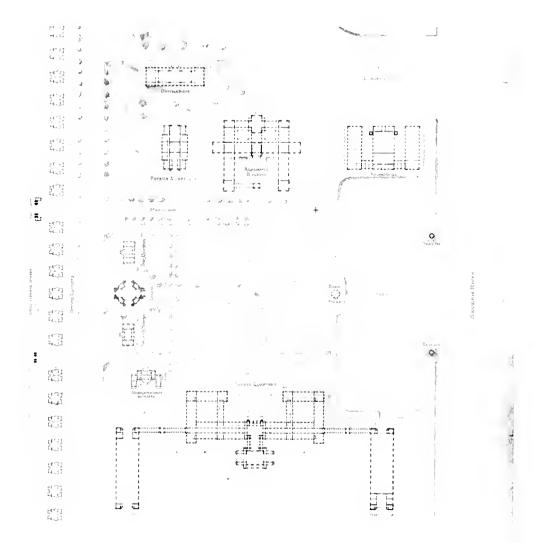
PRIZE COMPETITIVE DRAWINGS

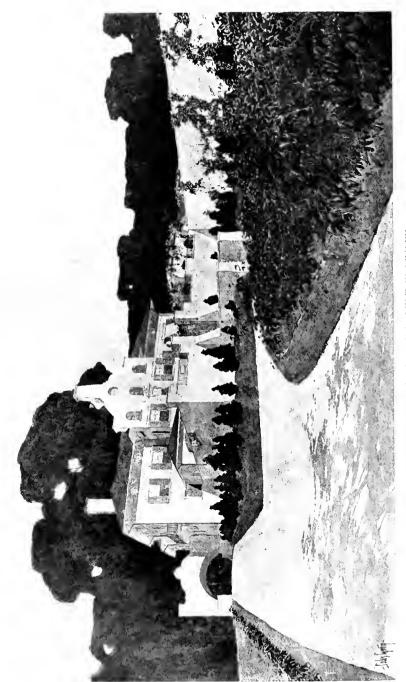
- 342 An Arrangement of Public Conveniences. First Mention.
- 343 A Public Washhouse, First Mention.
- 344 A Group of Street Fixtures. Third Mention.
- 345 An Elevated Railroad Station. Second Mention.
- 346 A Small City Square. Second Mention.
- 347 Facilities for Street Advertising. Second Mention.

ENVOIS

- 348 Amsterdam—Measured Drawing. Brick Arches.
- 349 Bruges-Sketch. St. John's Hospital.
- 350 Bruges—Sketch. Roofs and a Tower.
- 351 Beaugeancy—Measured Drawing. Doorway.
- 352 Tours—Sketch. Renaissance House.
- 353 Winchester—Old Tile in Choir Aisle. Cathedral.
- 354 Near Bath—Roadside Farmhouse.
- 355 Hanover—Measured Drawing. Brick Arches in Old Rathhaus.
- 356 Hildesheim—Sketch.
- 357 Hildesheim—Sketch.
- 358 Quedlingburg—Sketch.
- 359 Eisenach—Modern Decoration in the Old Nicolaikirche.
- 360 Eisenach—Sketch of the Wartburg.
- 361 Rothenburg—Two Sketches.
- 362 Venice—Sketch.
- 363 Pistoja—Sketch. "Two Virtues," in Terra Cotta Frieze.
- 364 Bologna—Brickwork. San Stefanno.

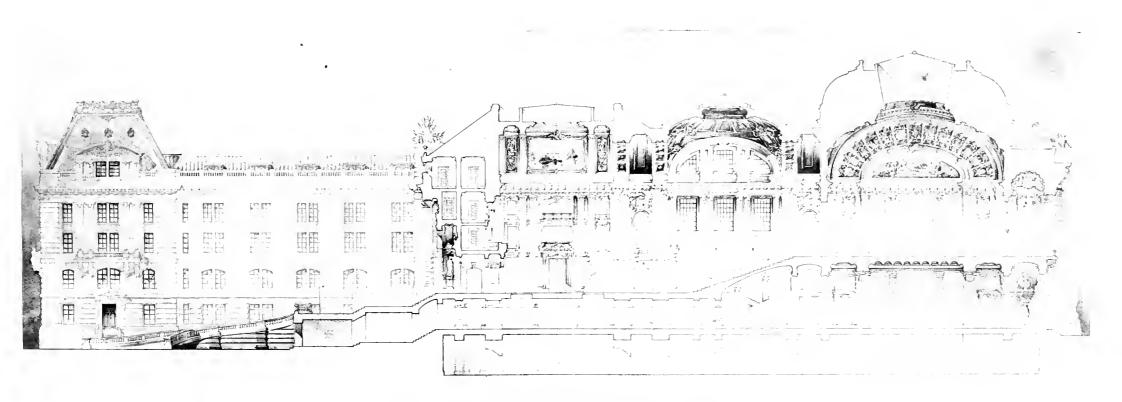




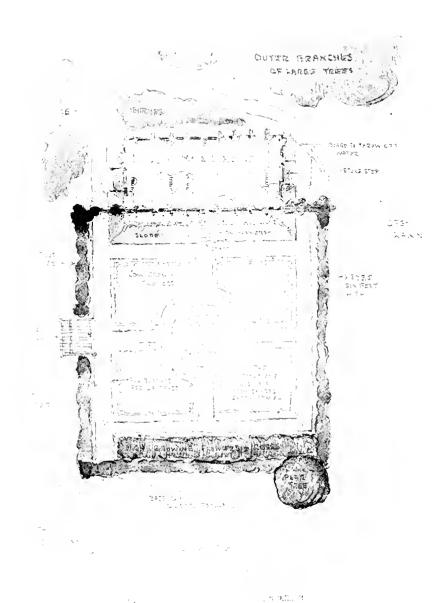


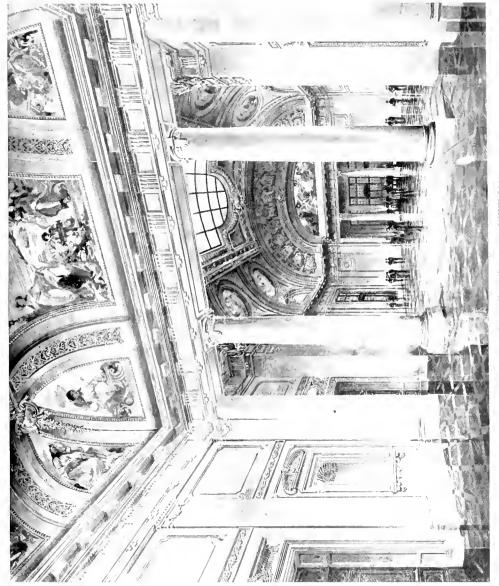
COUNTRY HOUSE OF MRS, ROBERT W. LESLEY LANDLLY W. JOHNSON, ARCHITECT, PHILADELPHIA



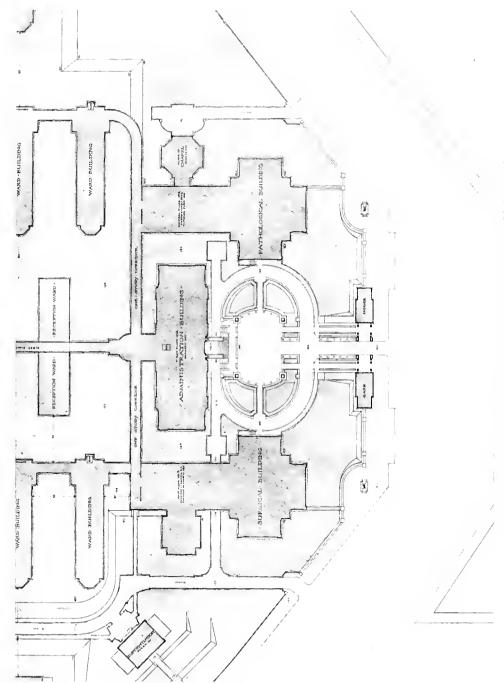


U. S. NAVAL ACADEMY AT ANNAPOLIS—SECTION THROUGH CADET QUARTERS ERREST FLAGG. ARCHITT. I. NEW YORK

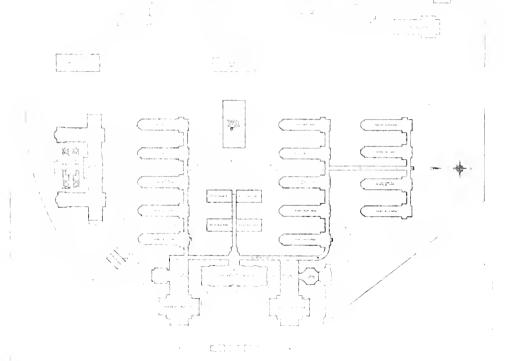




U. S. NAVAL, ACADEMY AT ANNAPOLIS-INTERIOR Ernest Flagg, Architect, New York

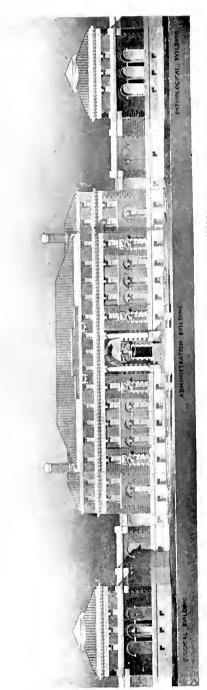


MUNICIPAL, HOSPITAL, FOR THE DISTRICT OF COLUMBIA—DETAIL, PLAN FRANK MILES DAY & BRO, ARCHITECTS, PHILADELPHIA

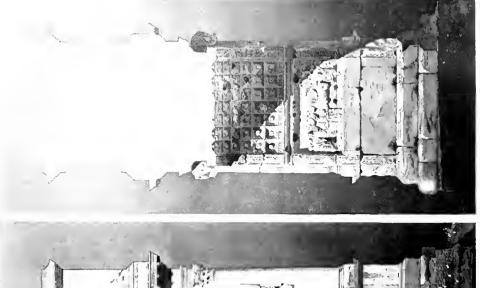


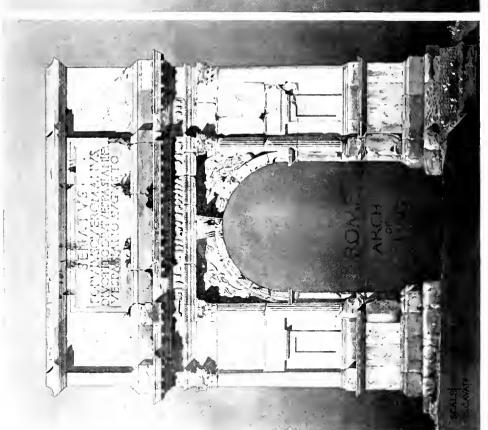
百百 百月月

RATECIPAL HOSPITAL FOR

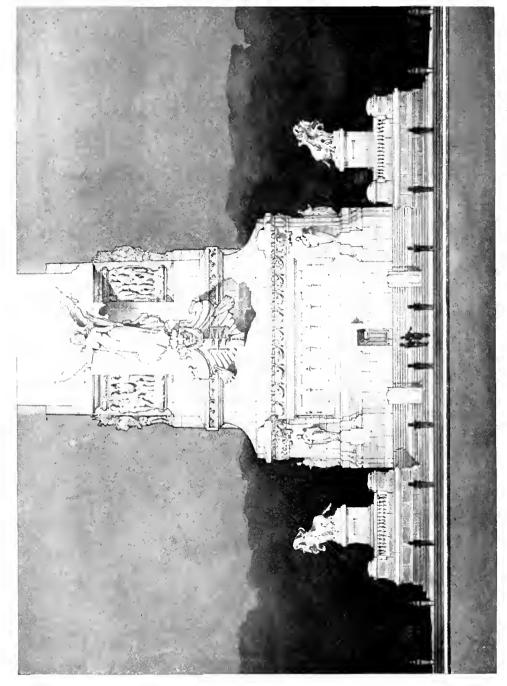


MUNICIPAL, HOSPITAL, FOR THE DISTRICT OF COLUMBIA ADMINISTRATION GROUP AND NURSES, HOME FRANK MILES DAY & BRO., ARCHITECTS, PHILADELPHIA

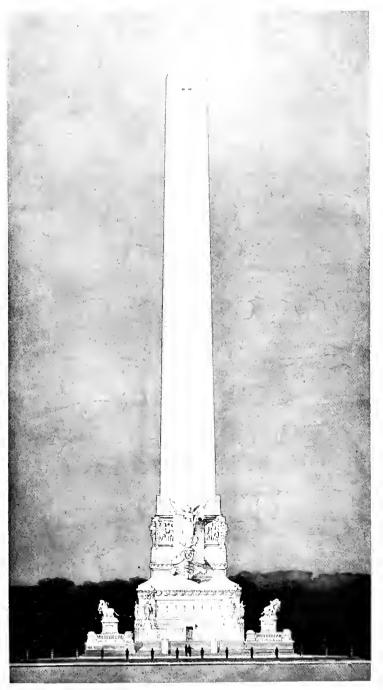




THE ARCH OF TITTS, ROME—MEASURED DRAWING IRA W. HOOVER FIFTH HOLDER, JOHN STEWARDSON MEMORIAL SCHOLARSHIP

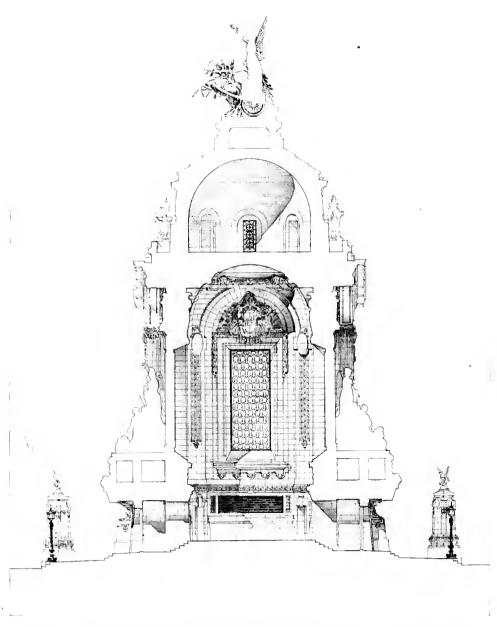


ACCEPTED COMPETITIVE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA—DETAIL LORD & HEWLETT, ARCHITECTS, NEW YORK



ACCEPTED COMPETITIVE DESIGN FOR SOLDIERS' AND SAIL, ORS' MONUMENT PHILADELPHIA—ELEVATION

LORD & HEWLETT, ARCHITECTS, NEW YORK



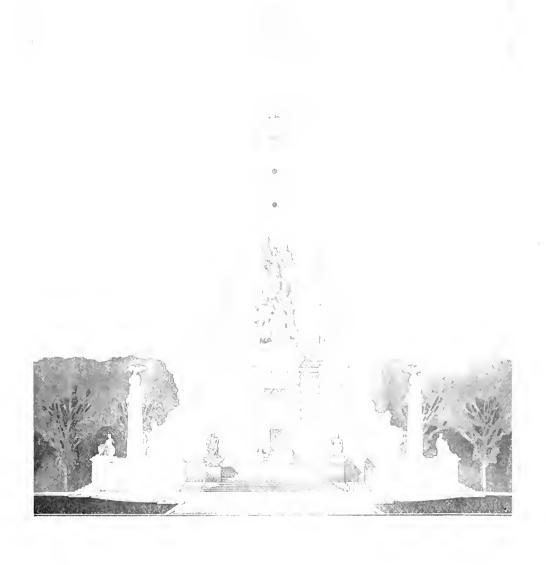
SECOND PRIZE DESIGN FOR SOLDIERS AND SAILORS MONUMENT PHILADELPHIA—SECTION C. F. ROSBORG, ARCHITECT, NEW YORK



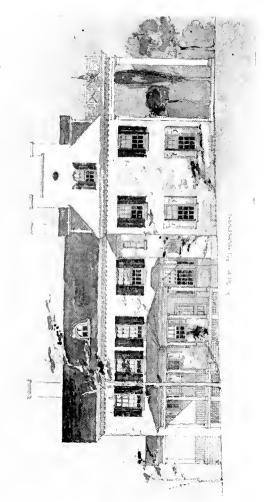
SECOND PRIZE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA—ELEVATION C. F. Rosborg, Architect, New York



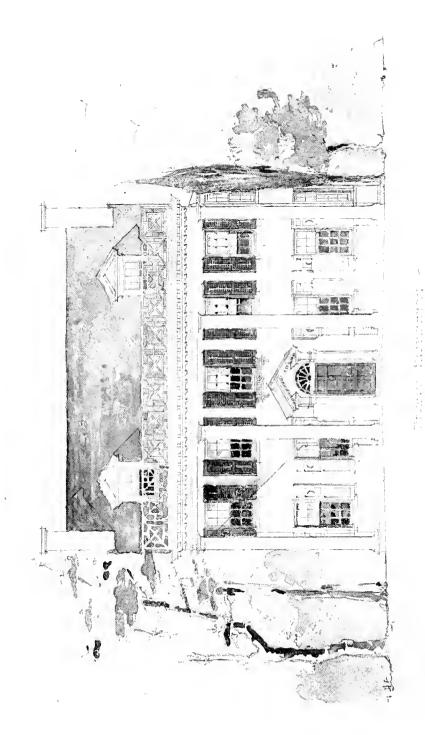
SKETCH OF L'EGLISE DE ST. JACQUES, LISIEUX CLINTON G. HARRIS, NEW YORK



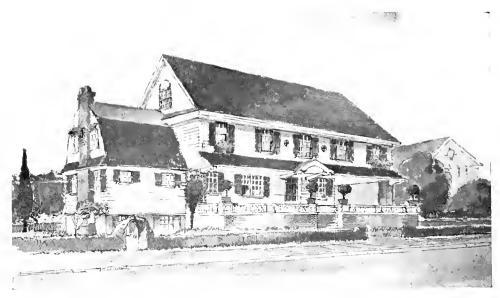
FOURTH PRIZE DESIGN FOR SOLDIERS: AND SAILORS: MONUMENT, PHILADELPHIA-ELEVATION ACKERMAN & ROSS, ARCHITECTS, NEW YORK



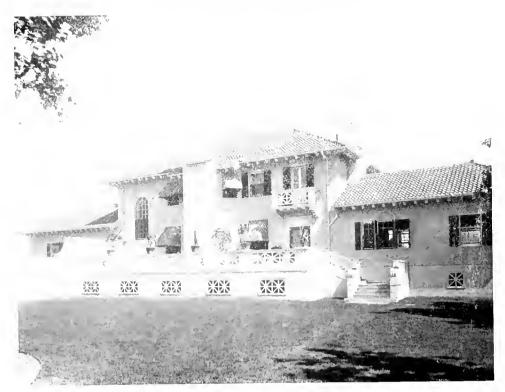
SUBURBAN HOUSE-SIDE ELEVATION NEWMAN & HARRIS, ARCHITECTS, PHILADELPHIA



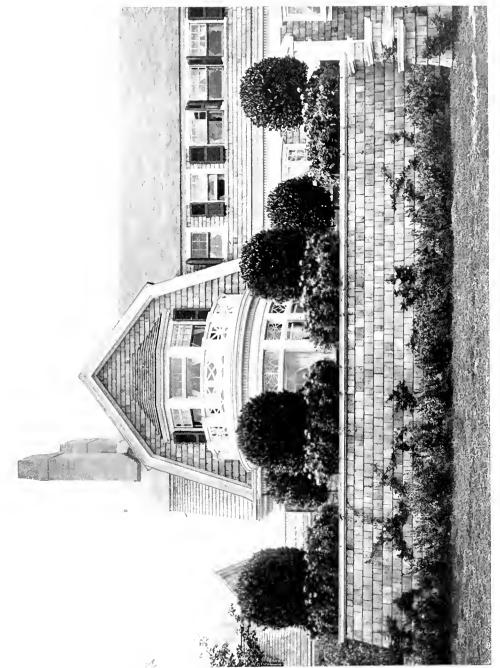
SUBURBAN HOUSE-FRONT ELEVATION NEWMAN & HARRIS, ARCHITECTS, PHILADELPHIA



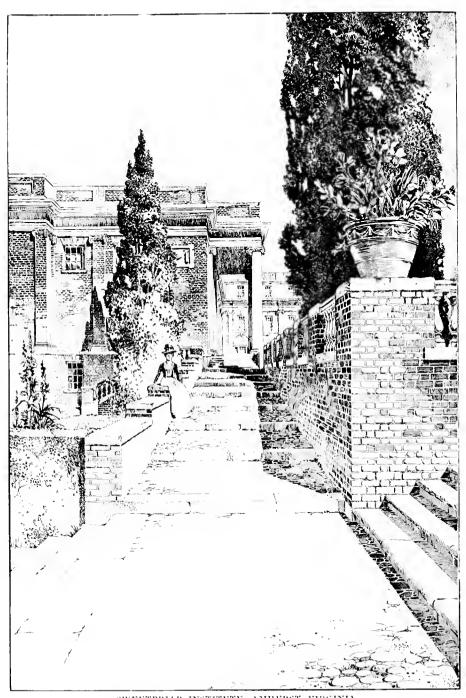
HOUSE AT ATLANTIC CITY
CHARLES BARTON KEEN ARCHITECT, PHILADELPHIA



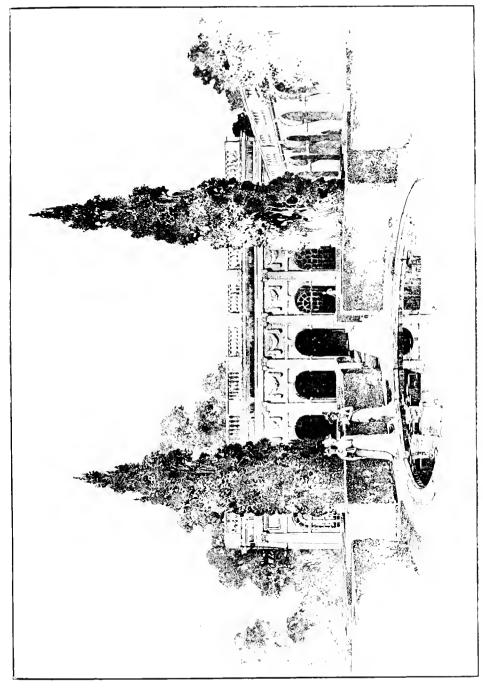
HOUSE AT COHASSET, MASS.
JOHN LAVALLI, ARCHITECT, BOSTON



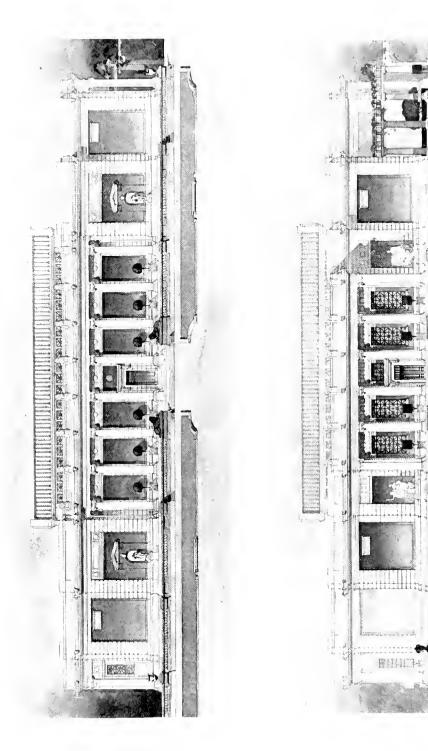
FORTION OF MAIN FARM HOUSE-"DREAMWOLD" ESTATE OF THOS. W. LAWSON, ESQ. COOLIDGE & CARLSON, ARCHITECTS, BOSTON



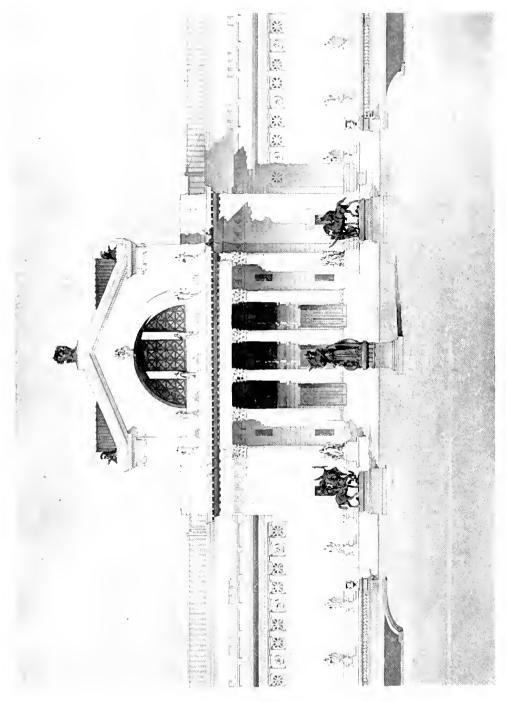
SWEETBRIAR INSTITUTE, AMHERST VIRGINIA CRAM, GOODHUE & FERGUSON, ARCHITECTS, BOSTON



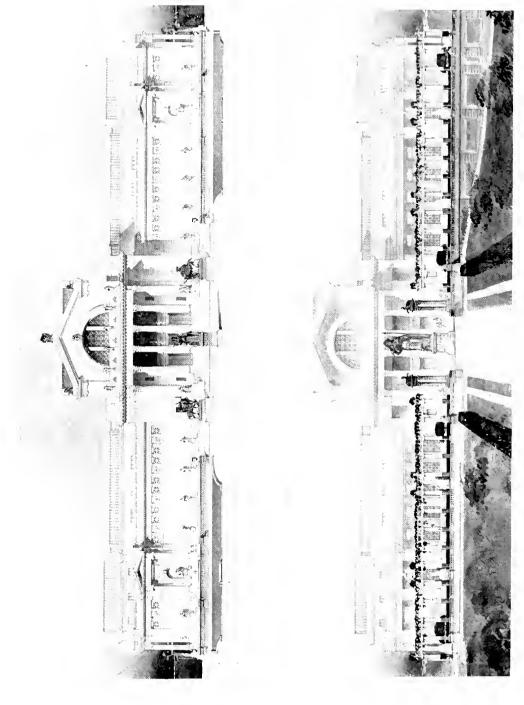
SWEETBRIAR INSTITCTE, AMHERST, VIRGINIA Cram, Goodhul & Fergeson, Architects, Boston



END BUILDINGS, FINE ARTS GROUT-ELEVATION LOUISIANA PURCHASE EXPOSITION, ST. LOUIS CASS GILBERT, ARCHITECT, NEW YORK AND ST. PAUL



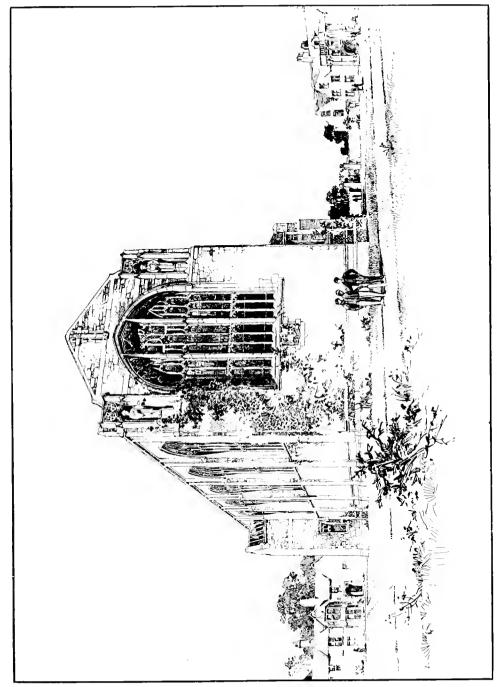
CENTRAL BUILDING, FINE ARTS GROUP-DETAIL LOUISIANA PURCHASE EXPOSITION, ST. LOUIS CASS GILBERT, ARCHITECT, NEW YORK AND ST. PAUL



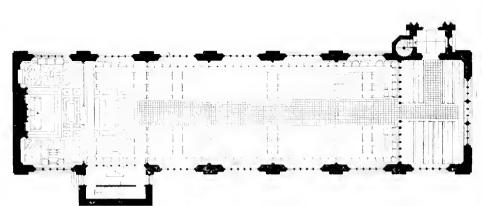
CENTRAL BULLDING, FINE ARTS GROUP—ELHVATION LOUISIANA FURCHASF EXPOSITION, ST. LOUIS CASS GLIBERT, ARCHITECT, NEW YORK AND ST. PAUL



MAIN ENTRANCE TO FINE ARTS BUILDING, LOUISIANA PURCHASE EXPOSITION, ST. LOUIS CASS. GILBLET, ARCHITECT, NEW YORK AND ST. PAUL



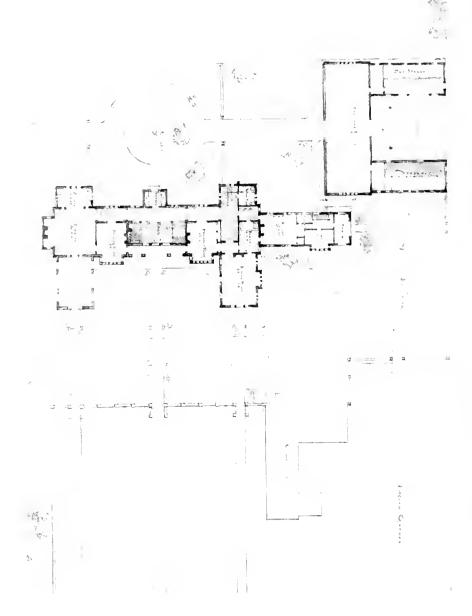
PERSPECTIVE OF CHAPEL,—ST. JOHN'S SCHOOL, MANLIUS, N. Y. CRAM, GOODHUE & FERGUSON, ARCHITECTS, BOSTON



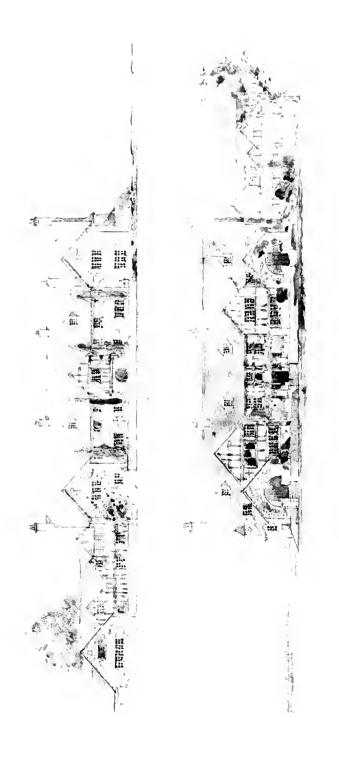
PLAN OF CHAPEL, ST JOHN'S SCHOOL, MANLIUS, N. Y. CRAM, GOODHUE & FERGESON, ARCHITECTS, BOSTON



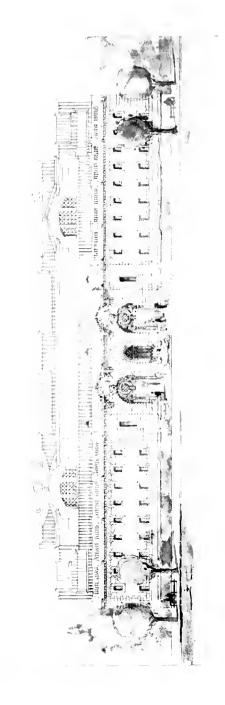
HEAD OF JUSTICE,—COURT HOUSE AT EBENSBURG, PA. NICOLA D'ASCENZO, MURAL DECORATOR, PHILADELPHIA



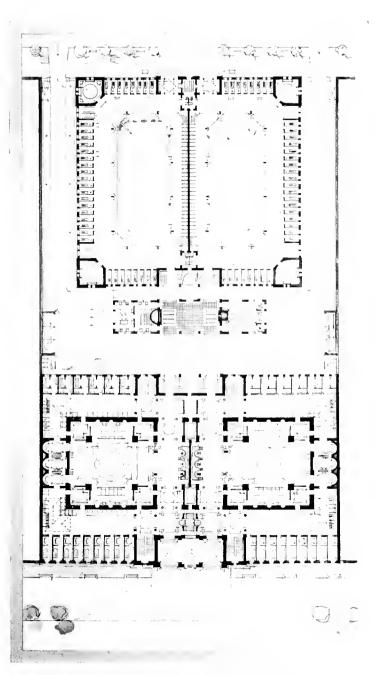
PLAN OF A HOUSE AT JENKINTOWN, PA. WILSON EYRE, JR., ARCHITECT, PHILADELPHIA



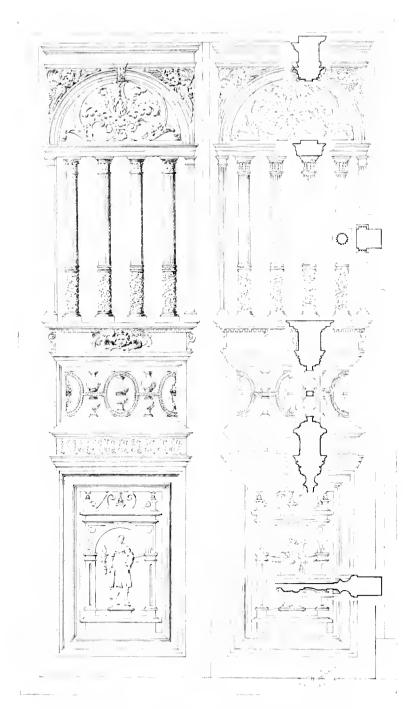
ELEVATIONS OF A HOUSE AT JENKINTOWN, FA. WILSON EYRE, JR., ARCHITECT, PHILAIGERHIA



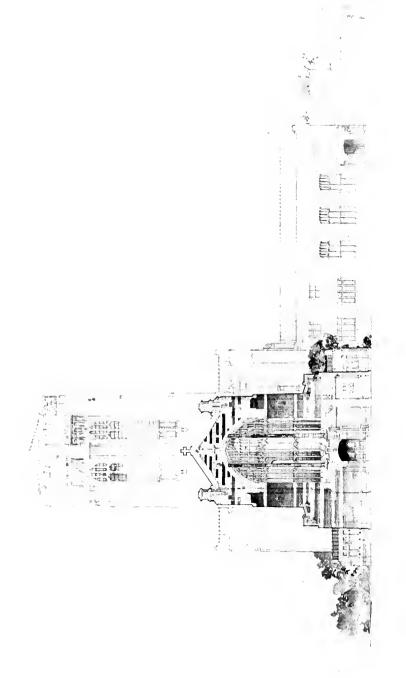
FREE AND PAYING BATHS—FRONT ELEVATION FIRST CLASS PROJET, ECOLE DES BEATX ARIS FARIS W. E. PARSONS, ARCHITICI, NEW YORK



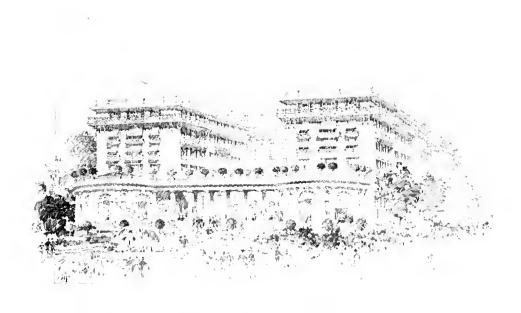
FREE AND PAVING BATHS-PLAN
FIRST CLASS PROJET, ECOLE DES BEAUX ARTS, PARIS
W. E. PARSONS, ARCHITECT, NEW YORK



LES PORTES DU JUBÉ CHURCH OF ST. ETIENNE DU MONT, PARIS $IRA\ W,\ IIOOVER$ FIETH HOLDER, JOHN STEWARDSON MEMORIAL SCHOLARSHIP



ELEVATION OF A TOWN CHURCH JOHN WYNKOOP, COLUMBIA UNIVERSITY

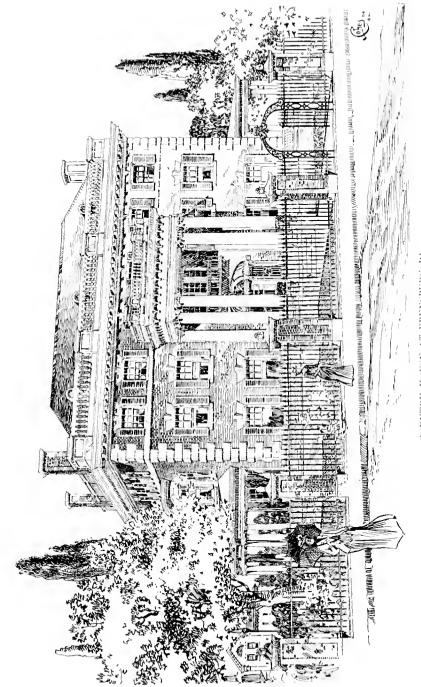


PROPOSED HOTEL, AT ATLANTIC CITY.

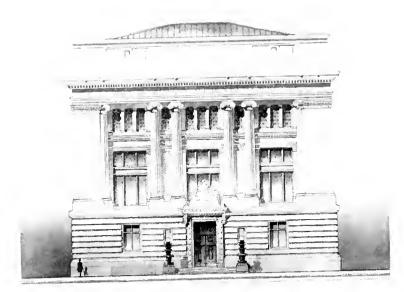
HÉRBURT D. HALF AND HENRY G. MORSE, JR., ASSOCIATE ARCHITECTS, PHILAD LPHIA.



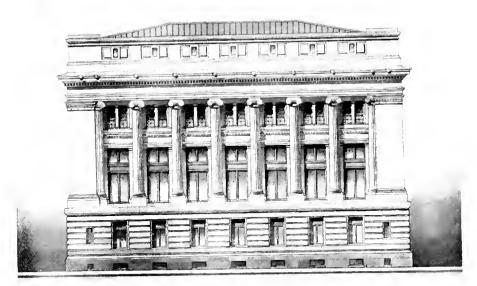
ALTERATION OF A HOUSE AT BINGHAMPTON, NEW YORK WILSON EYEF, JR., ARCHITECT, PHILADELPHIA



COUNTRY HOUSE AT EBENSBURG, PA. BEEZER BROS, ARCHITECTS, PITTSBURGH



A TIGHT IN STREET ELECATION

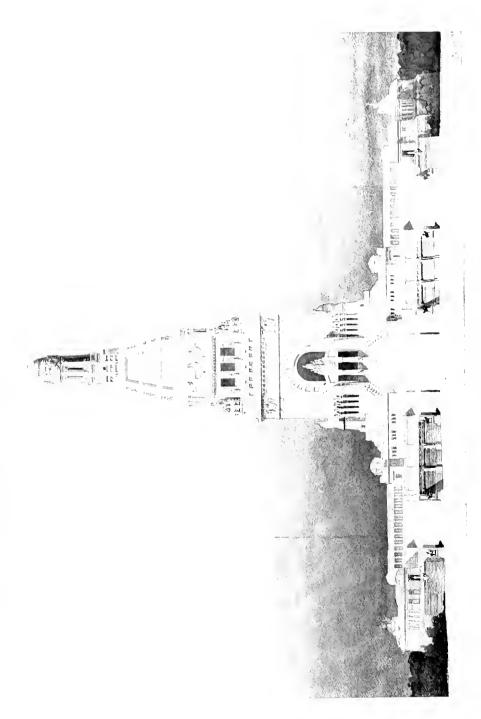


ENT TREET ELECATION

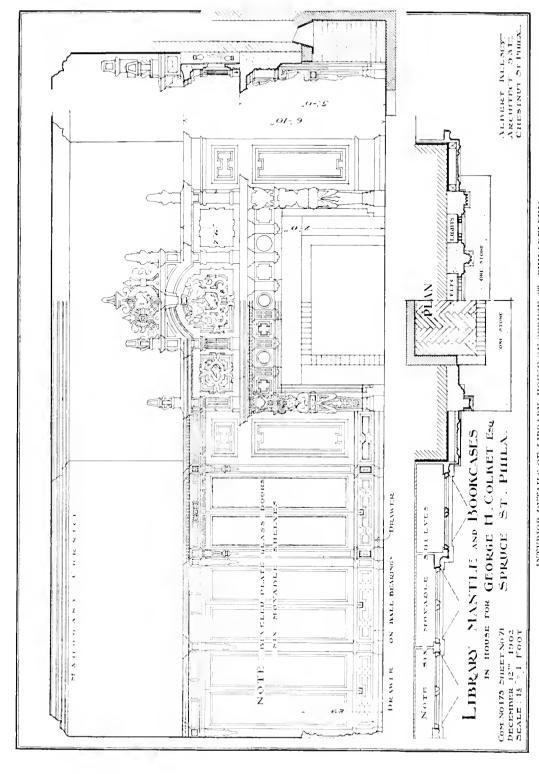
BOSTON ATHENÆVM COMPETITION,



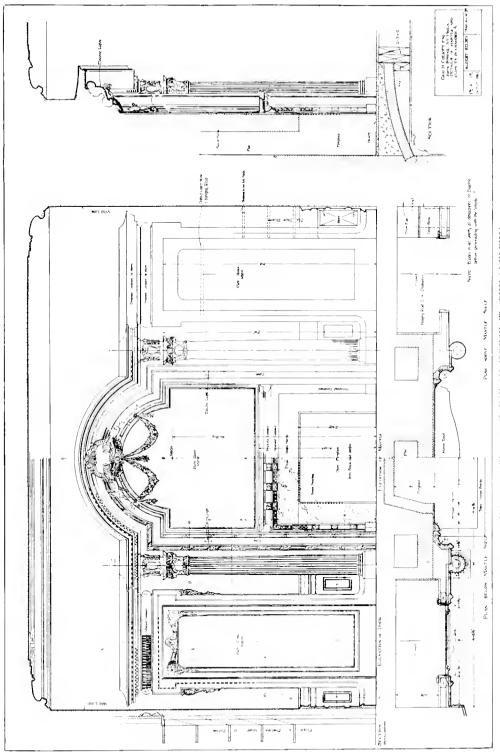
COMPETITIVE DESIGN FOR THE BOSTON ATHENAEUM—ELEVATION RANKIN & KEILOGG, ARCHITECTS, PHILADELPHIA



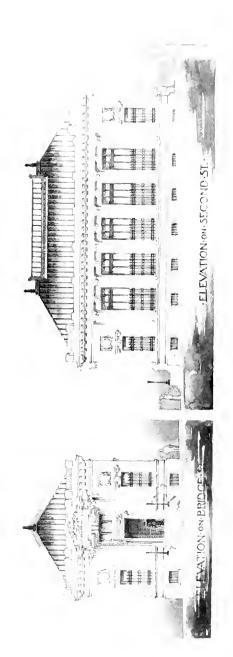
A PANTHEON FRED, L. ALKERMAN, COLLEGE OF ARCHITECTURE, CORNLL UNIVERSITY

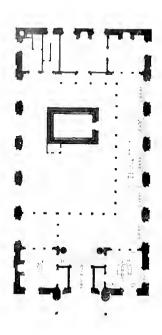


INTERIOR DETAILS OF LIBRARY, HOUSE ON SPRUCE ST., PHILADELPHIA ALBERT KELSEY, ARCHITECT, PHILADELPHIA



INTERIOR DETAILS. HOUSE ON SPRUCE ST., PHIJADELPHIA Albert Kelsen, architect, Philadelphia

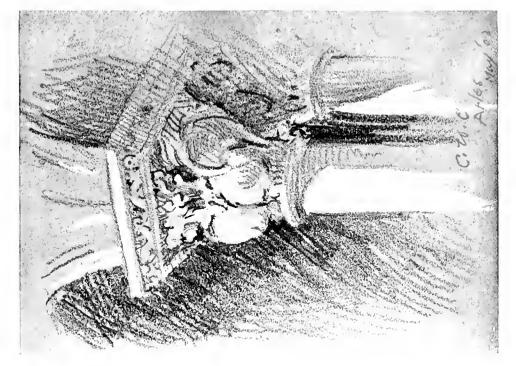




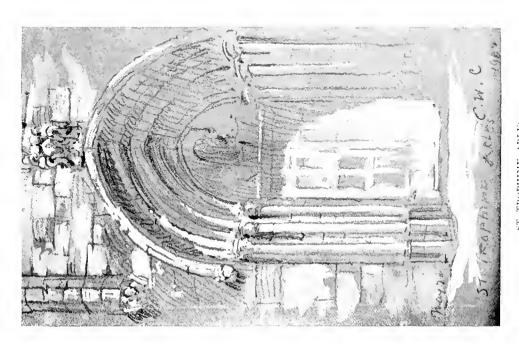
PLAN . . . BANK . FLOOR.

Charles & Pole) Cologies.

NATIONAL BANK OF CATASAUQUA PA.
WALLACE E. RUHE, ARCHITECT, ALLENTOWN, PA.



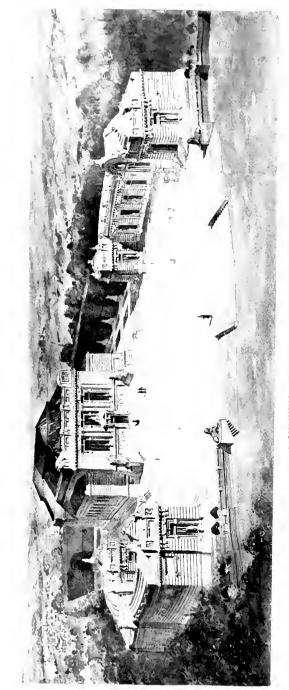
ST, TROPHIME, ARLES C, W, CHURCHMAN



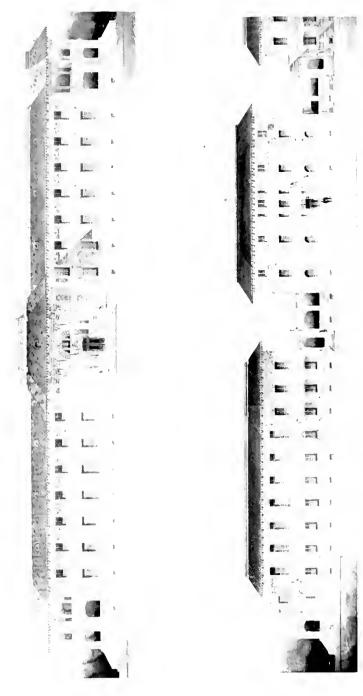
ST. TROPHIME, ARLES C. W. CHUNCHMAN



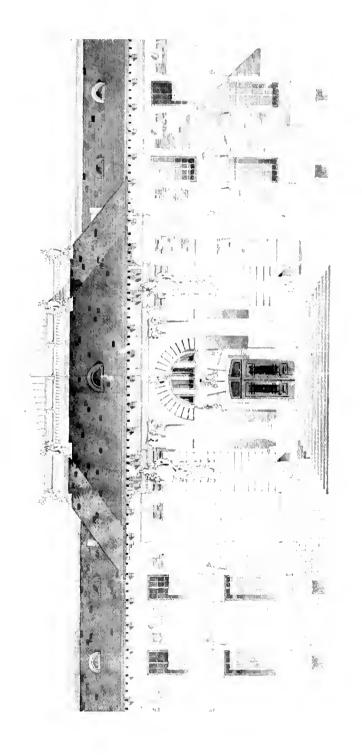
STREET REFUGE AND ELECTROLIER
THOS. R. JOHNSON, NEW YORK



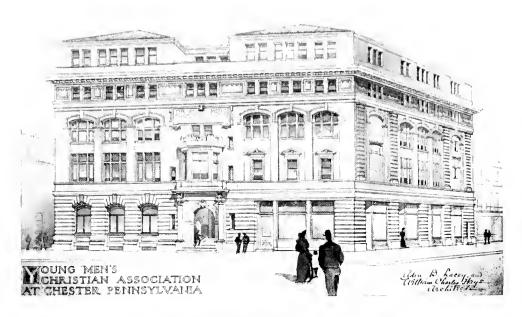
A MUSEUM OF FINE ARTS-PERSPECTIVE.
FRED. L. ACKLEMAN, COLLEGE OF ARCHITECTURE, CORNELL UNIVERSITY

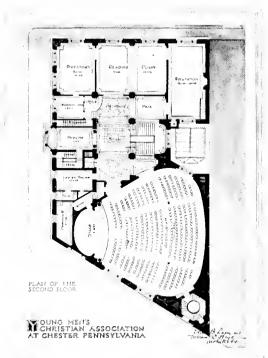


BARRACKS AND HOSTITAL, AT NATIONAL HOME FOR DISABLED VOLTWERR SOLDIERS, JOHNSON CITY, TENN. J. II, FREEDLANDER, ARCHITECT, NEW YORK

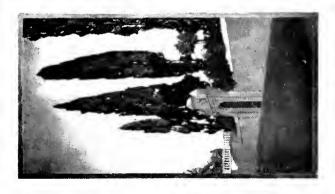


BARRACKS AT NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS, JOHNSON CITY, TENN.-DETAIL J. H. Freedlander, Architect, New York

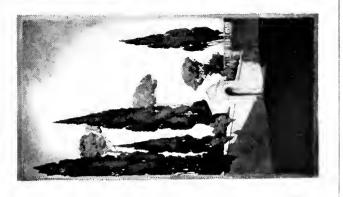




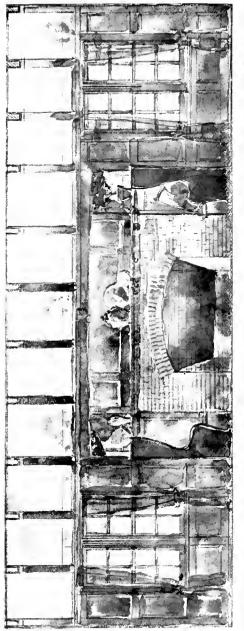
YOUNG MEN'S CHRISTIAN ASSOCIATION, CHESTER, PA ADIN B. LACEY AND WILLIAM C. HAYS, ASSOCIATE ARCHITECTS, PHILADELPHIA

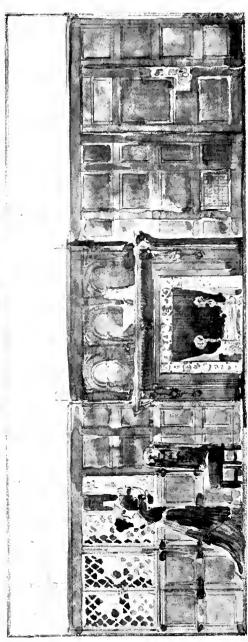




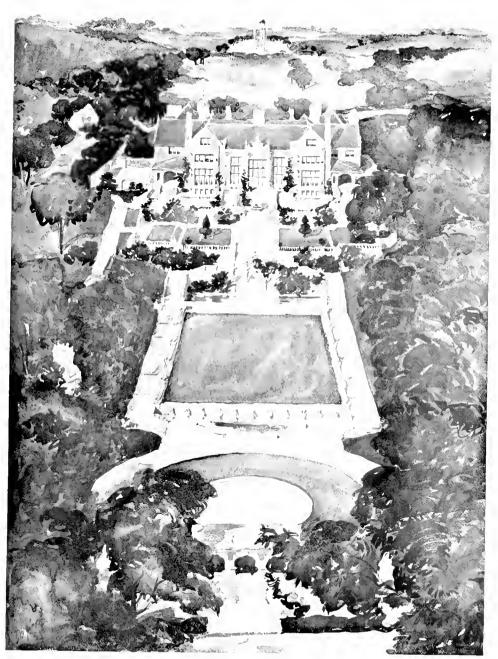


A DECORATIVE OVERMANTEL EARL STEISON CRAWFORD, MURAL DECORATOR, NEW YORK

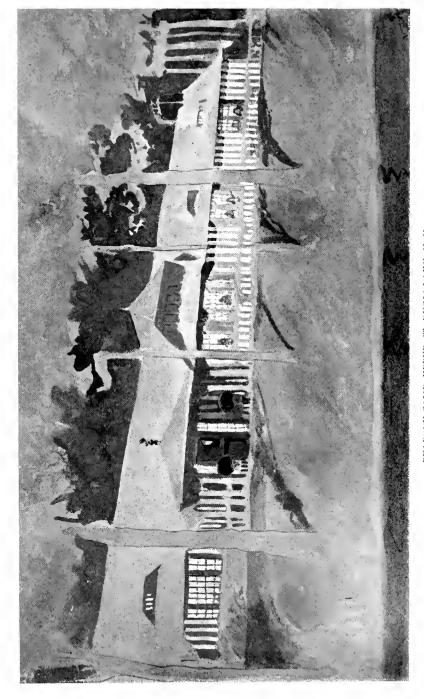




INTERIORS OF A LIVING ROOM AND A DINING ROOM WILSON EYRE, JR., ARCHITECT, PHILADELPHIA



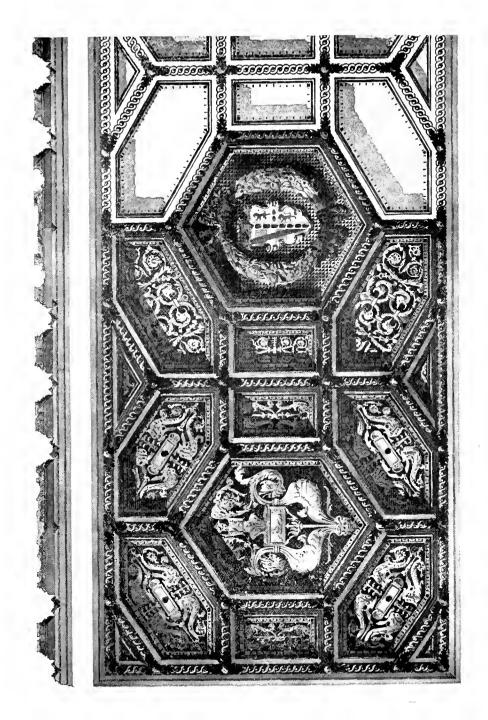
I ENNSHURST, AT NARBERTH, PA.
PEABODY & STEARNS, ARCHITECTS, BOSTON



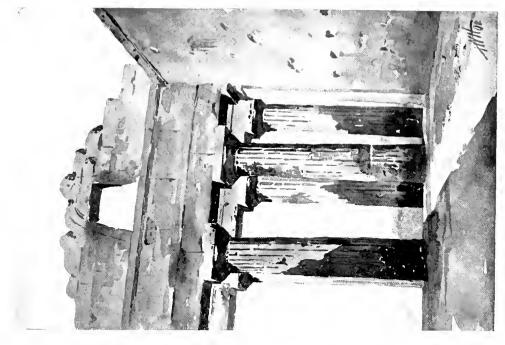
PEABODY CAMP, UPPER ST. REGIS LAKE, N. Y. COOLINGE & CARLSON, ARCHITECTS, BOSTON

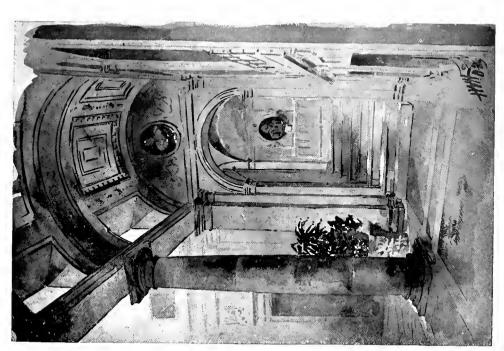


HOU'SE AT CHESTNUT HULL, FOR JOHN A HARRIS. JR ARTHUR H, BROCKIE, ARCHITECT, PHILADELL'HIA



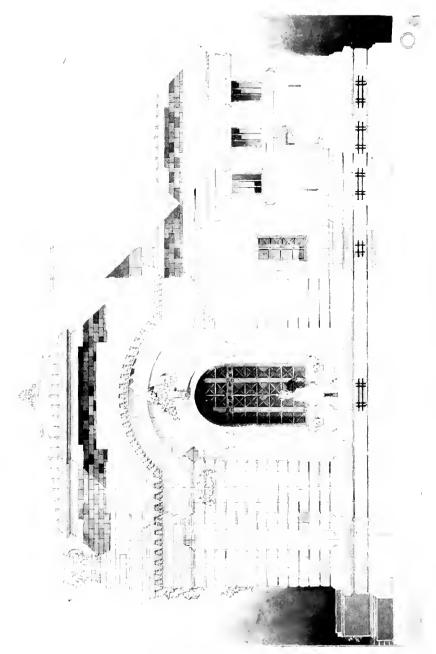
CEHLING IN THE PALAZZO MASSIMI, ROME—MEASURED DRAWING IRA W. HOOVER FIFTH HOLDER, JOHN STEWARDSON MEMORIAL SCHOLARSHIP



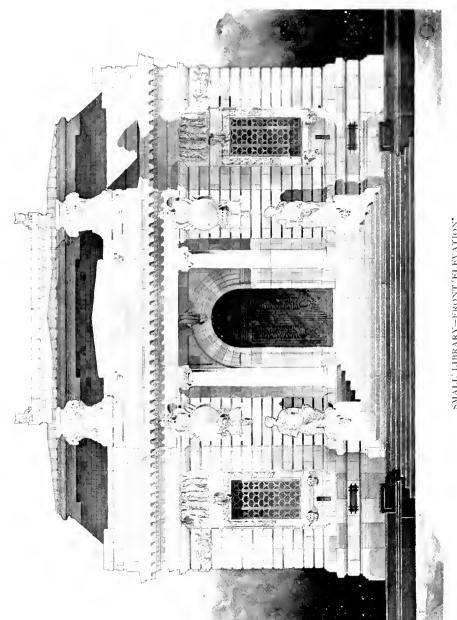


SKETCH IN COURT OF THE PALAZZO MASSIMI, ROME IRA W. HOOVER FIFTH HOLDER, JOHN STEWARDSON MEMORIAL SCHOLARSHIP

SKETCH OF TEMPLE OF CONCORD, CHEGENTL SICHLY IRAW, HOOVER, FIFTH HOLDER, JOHN STEWARDSON MEMORIAL SCHOLARSHIP



SMALL LIBRARY-SIDE ELEVATION JOHN LICHT, ARCHITECT, NEW YORK

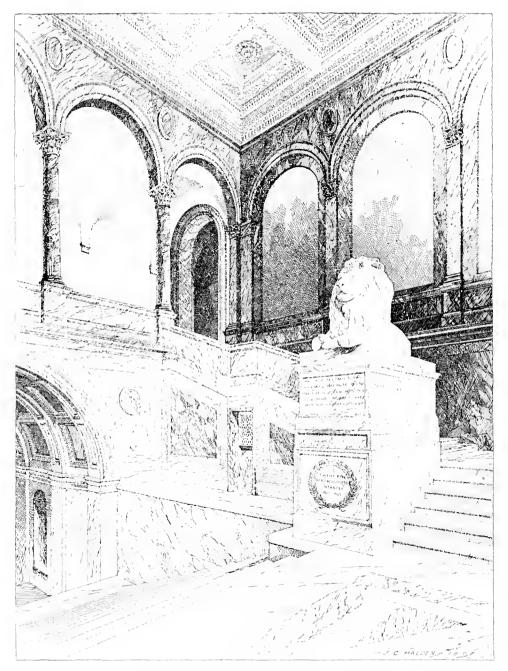


SMALL, LIBRARY—FRONT, FLEYATION, JOHN LIGHT, ARCHITECT, (NEW, YORK

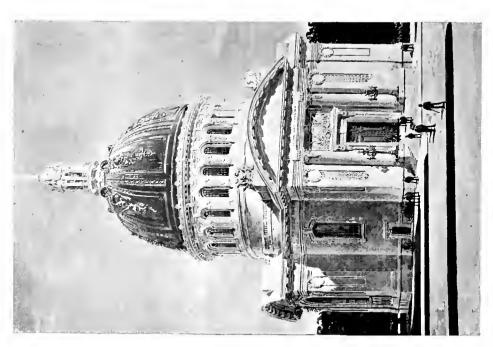




SKETCHES AT QUEDLINGBURG AND HILDESHEIM
L. MORRIS LEISENRING
THIRD HOLDER, T SQUARE CLUB TRAVELING SCHOLARSHIP

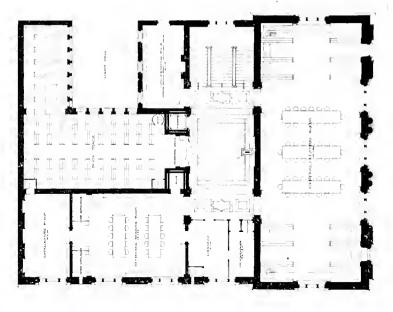


DETAIL, OF MAIN STAIR, BOSTON PUBLIC LIBRARY PLN and INK RENDERING BY J. C. HOLDEN, BOSTON



CHAPEL OF U.S. NAVAL ACADEMY, NEW YORK Frnest Flagg. Architect, New York

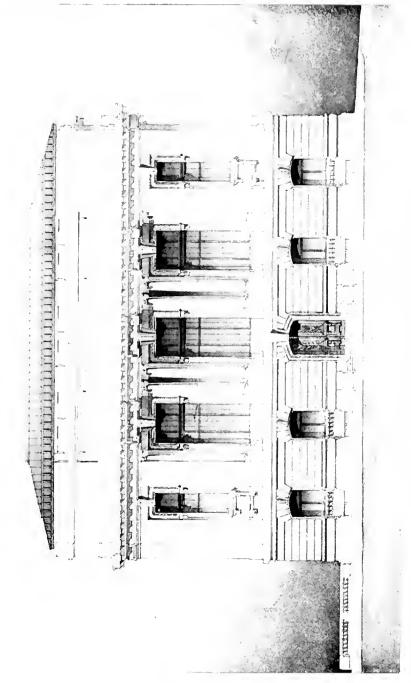
COMPETITION FOR THE BOSTON ATHENAEVM



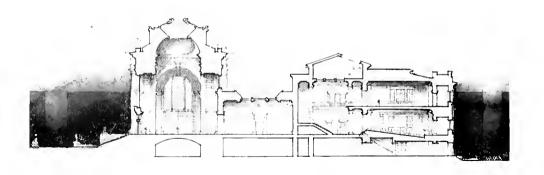
AKINGTON STREET

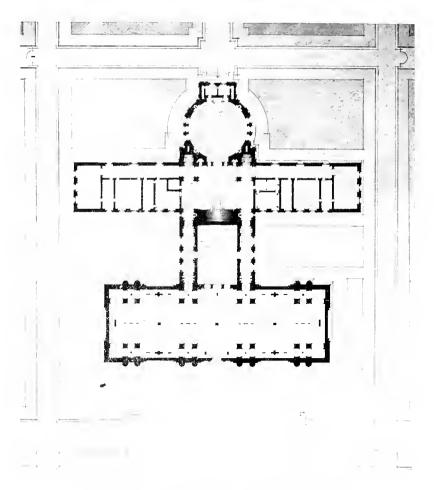
· PLAN.OF.SECOND.FLOOR ·

COMPETTIVE DESIGN FOR BOSTON ATHEMARUM—SECOND FLOOR PLAN. WILLIAM CHARLES HAVS ARCHITECT, PHILADELPHIA

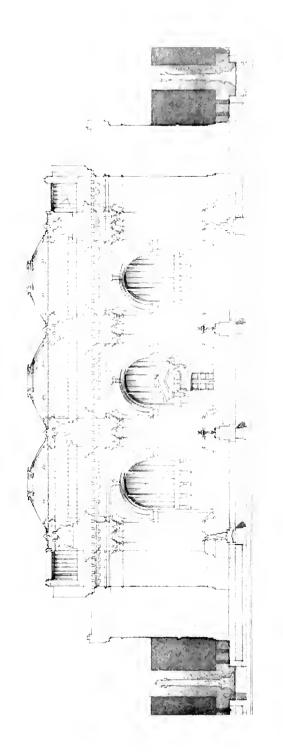


COMPETITIVE DESIGN FOR BOSTON ATHENARUM—ELEVATION WILLIAM CHARLES HAVS, ARCHITECT, PHEADELPHIA

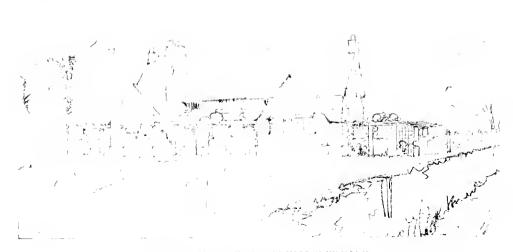




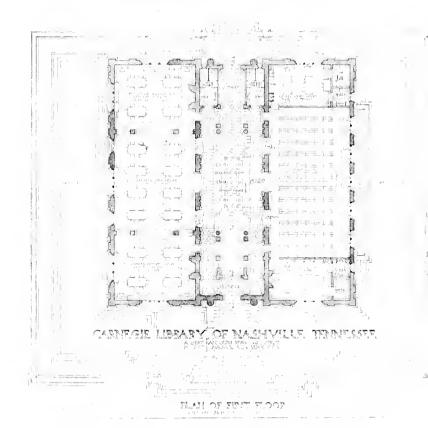
AN ARCHITECTURAL SCHOOL-PLAN AND SECTION C. 6. SPOURL, SCHOOL OF ARCHITECTURE, UNIVERSITY OF PENNSYLVANIA



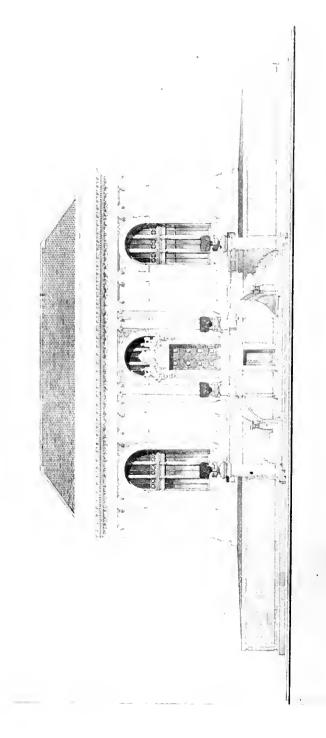
AN ARCHITECTURAL, SCHOOL, ELEVATION C. C. SPOLKE, SCHOOL OF ARCHITECTUR, UNIVERSITY OF PLANSALVANIA



HOUSE AT SARATOGA SPRINGS, NEW YORK C. B. KEEN AND F. E. MEAD, ASSOCIATE ARCHITECTS, PHILADELPHIA AND NEW YORK



CARNEGIE LIBRARY AT NASHVILLE, TENN.—PLAN ALBERT RANDOLPH ROSS, ARCHITECT, NEW YORK



CARNEGIE LIBRARY AT NASHVILLE, TENN-HLEVATION Albert Randoldh Ross, Architect, New York



HOUSE AT SEA GIRT, NEW JERSEY Spencer Roberts, Architect, Philadilephia

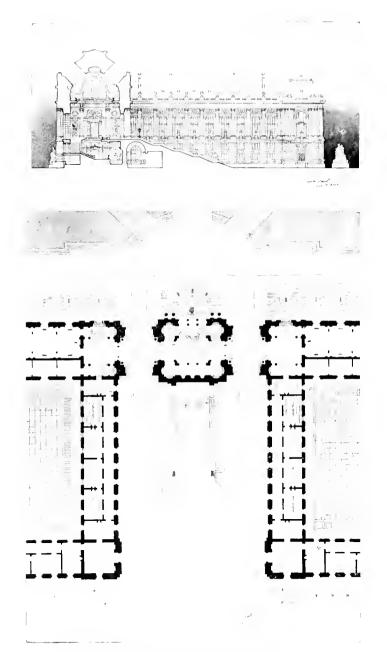


RESIDENCE AT ST. DAVIDS, PA.
DAVID KNICKERBACKER BOYD, ARCHITICT, PHILADELPHIA

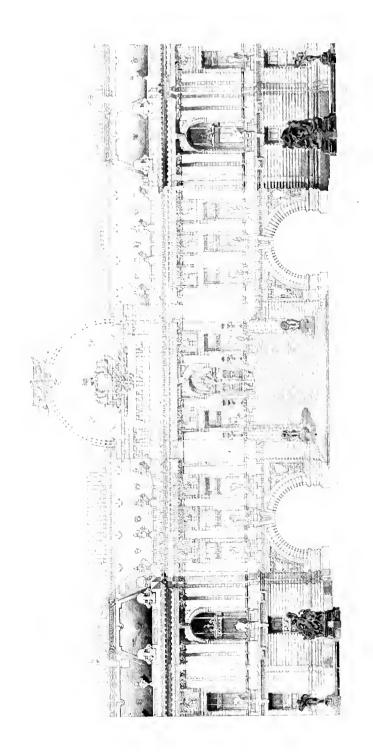


A SKETCH AT TOURS, FRANCE

1. Morris Leisenring
Third Holder, T. Square Club Traviling, Scholarship



A VAULTED PASSAGE ENTERING THE COURTYARD OF A MUSEUM—PLAN AND SECTION FIRST CLASS PROJET, ECOLE DES BEAUX ARTS PAUL A. DAVIS, 3D, PHILADELPHIA



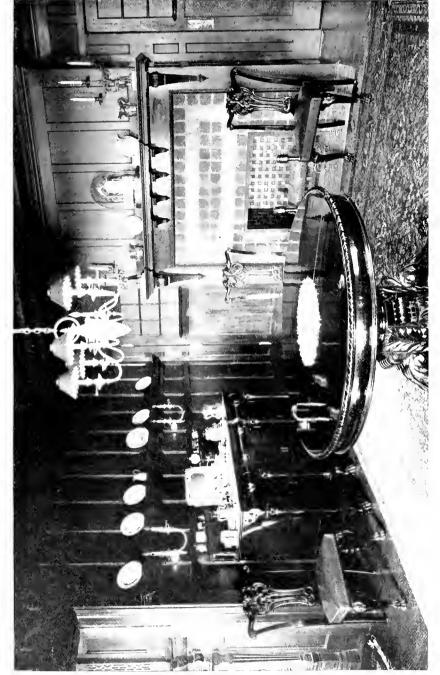
A VAULTED PASSAGE ENTERING THE COURTYARD OF A MUSEUM-ELEVATION FIRST CLASS PROJET, ECOLE DES BEAUX ARTS
PAUL A. DAVIS, 30, PHILADELDHIA

- 1954 That To Allen Buch

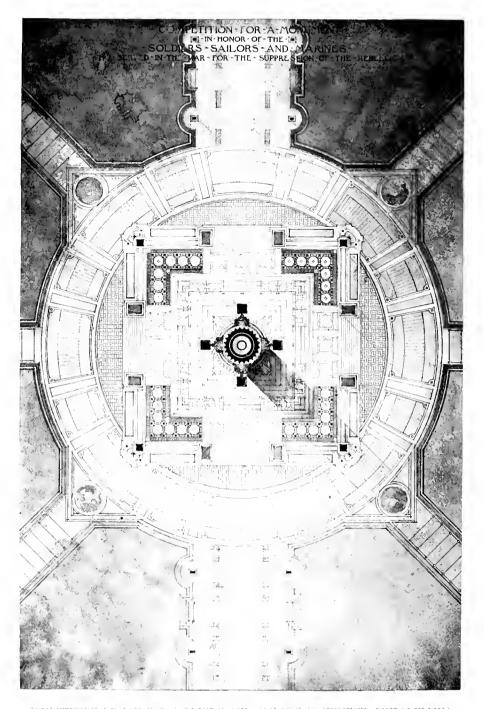


PORCH AND TERRACE OF A RESIDENCE AT WAYNE FA.

DAVID КИІСКЕВВАСКЕЙ ВОУГЬ, АКСИПЕСТ, РИП. МИЛЕЧИА

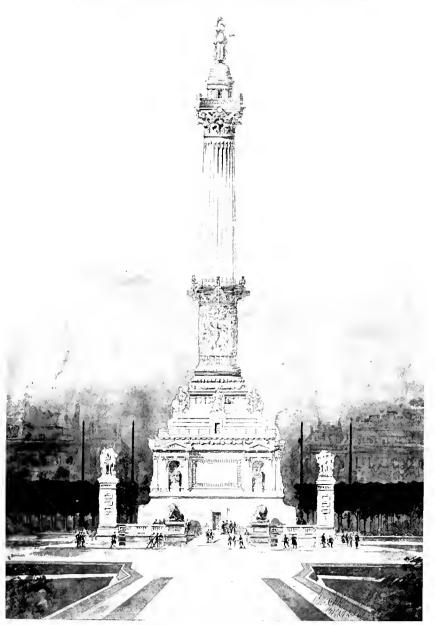


INTERIOR OF DINING ROOM—RESHDENCE AT WAYNE PA DAVID KNEKERBOACKER POVD, ARCHITECT, PHILADELPHIA

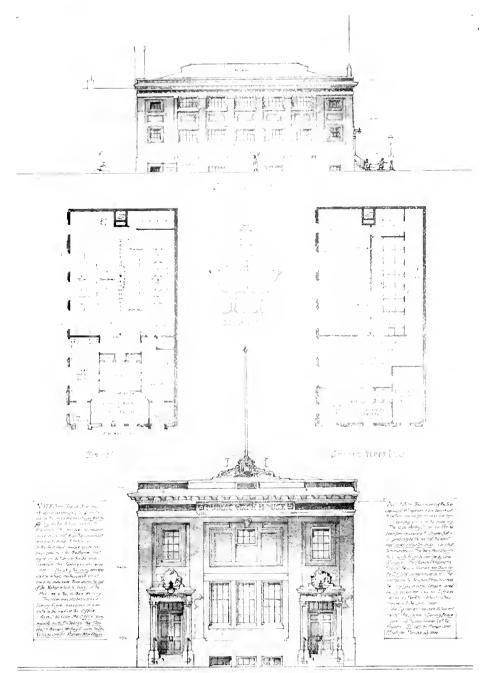


COMPETITIVE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA PLAN DONN BARBER, ARCHITECT, NEW YORK

AND SERVED IN THE MAD FOR THE SUBBOLISSION OF THE SERETTION OF THE SUBBOLISSION OF THE SERETTION OF THE SERETTION OF THE SUBBOLISSION OF THE SUBBOLISSION OF THE SUBBOLISSION OF THE SUBBOLISSION OF THE SERETTION OF THE SUBBOLISSION OF THE SUB



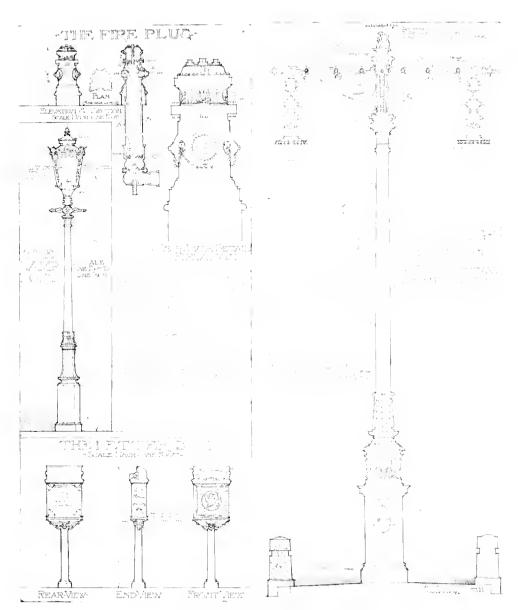
COMPETITIVE DESIGN FOR SOLDIERS' AND SAILORS' MONUMENT, PHILADELPHIA ELEVATION DONN BARBER, ARCHITECT, NEW YORK



¢

FROM Error con

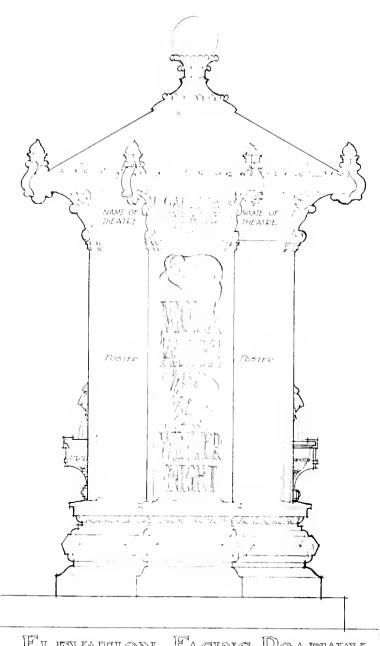
A PUBLIC WASH HOUSE THRST MENTION, I SQUARE CLUE COMPLETION I. MORRIS LEISENRING



A GROUP OF STREET ACCESSORIES FIRST MENTION, T SQUARE CLUB COMPETITION H. DECOURCEY RICHARDS, PHILADELPHIA

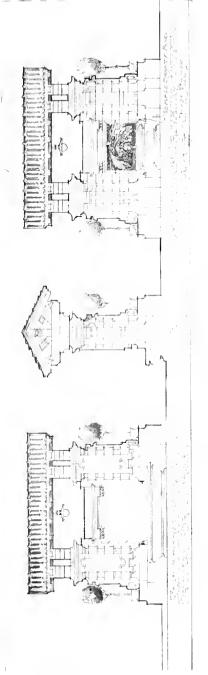


COMPETITIVE DESIGN FOR MUHI, ENBURG COLLEGE—BIRD'S EVE PERSPECTIVE ADIS B. LACEN, ARCHITECT, PHILADELPHIA

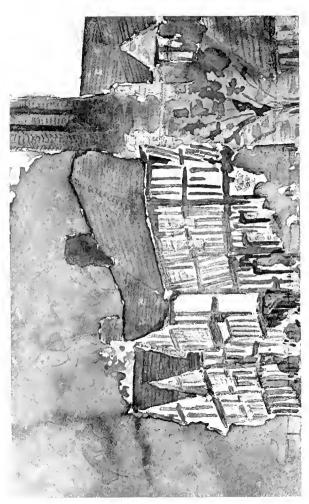


ELEVATION FACING ROADWAY.

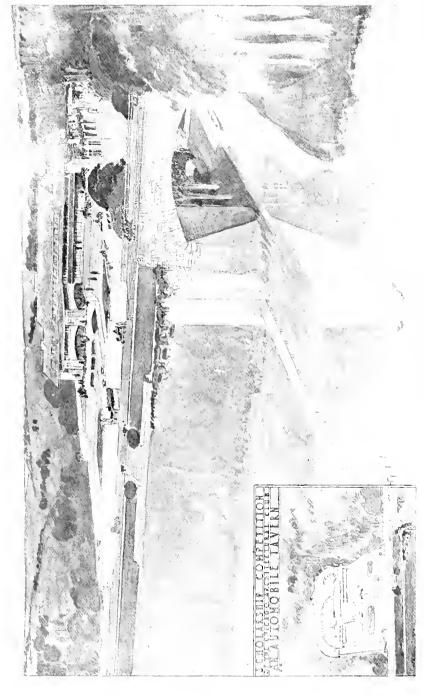
AN ADVERTISING KIOSK FIRST MENTION, T SQUARE CLUB COMPETITION Edmund H_{\bullet} Poggi, Philadelphia



A DRINKING FOUNTAIN T SUIARE CLUB COMPETITION—H. DECOTRUEN RICHAUS PHIEADELPHIA

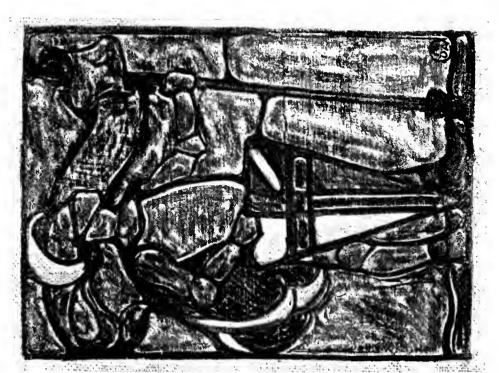


SKETCH AT SALWARP COURT, WORCESTERSHIRE CLINTON G. HARRIS, NEW YORK

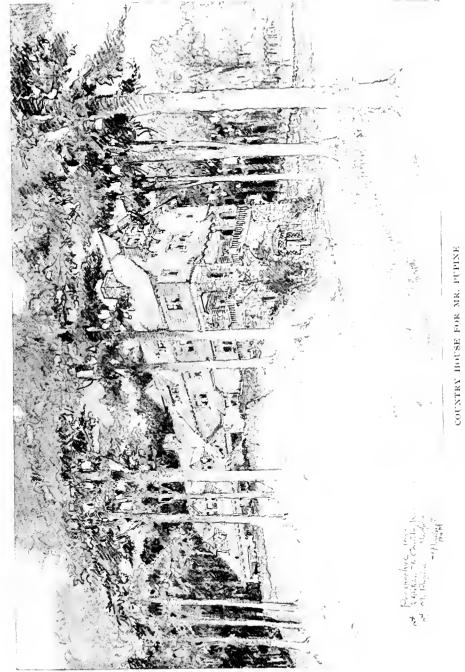


AN AUTOMOBILE TAVERN
CHEAGO ARCHITI CITRAL GETS SCHOLARSHIP COMPETITION
J. H. PHILLIPS, ARCHITECT, CHICAGO





STAINED GLASS CARTOONS FOR TABARD INN LIBRARY NICOLA D'ASCENZO, PHILADELPHIA



COUNTRY BOUGSE FOR MR. LOTTERS PALMER & HORNBOSTEL, ARCHITECTS, NEW YORK

Classified List of Advertisers

ARCHITECTURAL WOOD WORK	CONTRACTORS AND BUILDERS
Architectual Decorating Co., 176 Barber, John,	Appleton & Burrell, 224 Ballinger & Co., R. C., 223 Cornell & Son, J. S., 206 Fritzinger, John W., 202 Hurley, P. J., 212
De Kosenko Mfg, Co., 211 Heela Iron Works, 227 Gaumer Co., John L., 215 McCarty & Co., A. F., 206 Richey, Browne & Donald, 226 Vale & Towne Mfg, Co., 228	Little & Son, Thomas 221 Maguire, F. T. 204 McCarty & Co., A. F. 206 Mitchell Bros. 209 Raff, A. Raymond, 203 Reeves & Sons, Stacy 198 Seeds, Thomas M., Jr. 181 Sipps, Geo. L. 215
ARTISTS' MATERIALS Higgins & Co., Chas. M., 227	Wells Bros. Co., 187 Whitehead, A., 219 Zane, H. Marion, 203
Weber & Co., F.,	DECORATORS AND FURNISHERS Chapman Decorative Co 228
Blumhard, C. A., 212 Pennsylvania Blue Print Co., 208	Petry & Reid,
BOILERS Babcock & Wilcox Co., 4th cover	Reading Hardware Co., 220
Smith & Co., The H. B., 197 BRICKLAVERS	DOOR HANGERS Lane Bros. Co., 219
Glenn & Co., Geo. A., 221	DOOR HOLDERS Brohard Co., The, 192
BRICK MANUFACTURERS AND DEALERS	ELECTRICAL CONTRACTORS AND ENGINEERS.
Cliffwood Brick Co., 199 Conway, Wm., 214 Eastern Hydraulic Press Brick Co., 223 Ketcham, O. W., 195-197-199-201	Buchanan & Co., J. F., 216 Francis Bros. & Jellett, Inc., 166-167 Keller, Pike & Co., 215
Kittanning Brick & Fire Clay Co., . 201 Phila, & Boston Face Brick Co., . 227 Sayre & Fisher Co., 183 Vogels, G. R., 227	ELEVATORS Morse, Williams & Co., 184 O'Neil Elevator Company 208
BURLAPS	ENGRAVING, ETC. Keystone Photo Engraving Co., . 3d cover
Richter Manufacturing Co., 177 CEMENTS	EXPANSION BOLTS Brohard Co., The, 192
American Cement Co.,	FILTERS Loomis-Manning Filter Co 201

FIRE BRICKS AND CLAY RETORTS	Reynolds & Son, J.,
Borgner Co., Cyrus, 202 Ketcham, O. W.,	Trachsel, John C. F., 198 Webster & Co., Warren, 207
FIREPLACE FITTINGS	HORTICULTURAL ARCHITECTS AND
Craft & Smith,	BUILDERS Hitchings & Co., 170-171 Lord & Burnham Co., 180
FIREPROOF BUILDING MATERIALS	INKS AND DRAWING MATERIALS
Ketcham, O. W., 195	Higgins & Co., Chas. M., 227
Keystone Fireproofing Co., 164-165 Maurer & Son, Henry, 186 Roebling Construction Co., The, 168-169	IRON, STRUCTURAL AND ORNA- MENTAL
Merritt & Company 172-173 FIREPROOF WINDOW	Adams & Co., Wm., 209 Heela Iron Works, 227 Gamner Co., John L., 215
Lupton's Sons Co., David, 218	McCarty & Co., A. F., 206
FLOOR WAX	Richey, Browne & Donald, 2 6
Waterall & Co., Win., 193	MANTELS AND TILES
FURNACES AND RANGES	Craft & Smith,
Cox Stove Co., Abram,	French & Co., Samuel H.,
GAS AND ELECTRIC FIXTURES	MILL WORK
De Kosenko Manufacturing Co., 211	Watson & Robinson, 214
GLASS	MODELERS AND CARVERS
Century Stained Glass Works, 14d. 205 Dukes, Henry, Glass Works, 228 Gibson, John, 221 Heinigke & Bowen, 202	Architectural Decorating Co., 176 Stephens, Cooper & Co., 184 Whitman Co., Inc., J. Franklin, 185
Hires, Turner Glass Co., 207 Pittsburgh Plate Glass Co., 182 Reith, William, 206	PAINTING DECORATING AND PAPER HANGING
Shoemaker, Benjamin II., 208 HARDWARE MANUFACTURERS AND DEALERS	Black & Son Co., F. A.,
Corbin, P. & F., 162-163	PAINTS, OH, AND VARNISHES
Field Sons, Charles J. 223 Murta, Appleton & Co. 182 Reading Hardware Co. 220 Russell & Erwin Mfg. Co. 189 Vale & Towne Mfg. Co. 228 HEATING AND VENTILATING ENGINEERS AND CONTRACTORS	Berry Brothers, Ltd., 174-175 Bridgeport Wood Finishing Co., 213 Chicago Varnish Co., 198 Cincinnati Varnish Co., 206 Dixon Crucible Co., Jos., 196 Felton, Sibley & Co., 204 French & Co., Samuel II., 211
Bowers Bros. & Co.,	Lewis, John T., & Bros. Co., 195 Lucas & Co., John,

PAINTS, OIL AND VARNISHIES Continued Frage		
Patton's Sun-proof Paint 182 Rinald Bros. 204 Stroke Bros. 205 Stroke Bros. 206 Stroke Bros. 207 Stroke Bros. 208 Stroke Bros. 208 Stroke Bros. 209 PLASTER MANUFACTURING AND DELALERS 207 Stroke Bros. 207 Stroke Bros. 208 Stroke Bros. 209 Stroke Bros.		SASH CORDS
Rinabl Bros. 224 Waterall & Co. Will. 193 Varnall, H. E. & D. G. 198 Varnall, H. E. & D. G. 164-165 Varnall & Varnall		Samson Cordage Works, 210
Varnall, H. E. & D. G.	Rinald Bros., 224	
PLASTERERS Poyd & Son, High, 209	Varuall, H. E. & D. G., 198	
STAINED AND DECORATIVE GLASS PLASTER MANUFACTURING AND DEALERS PLASTER MANUFACTURING AND DEALERS PLUMBING PLUMBING PLUMBING PLUMBING PLUMBING GOODS AND SANITARY SPECIALITIES. PLUMBING GOODS AND SANITARY SPECIALITIES. PRICE MAIL PLASTER STAIL FLOORS STAIL FLOORS PLUMBING GOODS AND SANITARY SPECIALITIES. PRINTING PRINTING PRINTING PRINTING PRINTING PRINTING PRINTING PUMPING ENGINES PUMPING ENGINES PUMPING ENGINES PUMPING ENGINES Phila Hardware and Malleable Iron Works Post Pumping Engine Co. 197 Pumping Engine Co. 19		
DEALERS Century Stamed Glass Works, Ltd., 205 Glbson, John, 221 Slocenaker, Benjamin II. 208 STALL FLOORS		•
Carrow Plaster Co. 164-165 King & Co. J. R. 219		
STALL FLOORS	Keystone Plaster Co., 164-165	
Definition Def	King & Co., J. B., 219	•
STEAM TRAPS		
PLUMBING GOODS AND SANITARY SPECIALTIES	Leinau, Roberts, 183	
STECIALTIES		
McCambridge & Co. 225		
Ronalds & Johnson Co.	McCambridge & Co., 203	
Standard Sanitary Mfg. Co., 160-161 PRINTING McLaughlin Bros. Co., 212 PUMPING ENGINES Rider-Ericsson Engine Co., 187 RADIATORS Phila. Hardware and Malleable Iron Works 200 Smith & Co., The H. B., 197 REGISTERS Philadelphia Hardware & Malleable Iron Works, 200 ROOFING MATERIALS American Tin Plate Co., 191 Bennett, Edwin, Roofing Tile Works, 197 Berger Bros. Co., 192 Follansbee Bros. Co., 195 McClure & Co., 204 Ketcham, O. W. 195-197 McClure & Co., 204 Carlow Scale Warren-Ehret Co., 184 Warren-Ehret Co., 185 Warren-Ehret Co., 186 RUBBER TILING (INTERLOCKING) New York Belting and Packing Co., 224 SASH CHAINS Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Condition System of Automatic Temperature Regulation, 199 TERPERATURE REGULATORS Johnson System of Automatic Temperature Regulation, 199 TERPA COTTA Conkling-Armstrong Terra Cotta Co., 222 Conkling-Armstrong Terra Cotta Co., 222 Standord Terra Cotta Co., 222 Wall, Coating Wall, Coating Wall, Plaster Wall, Plaster Wall, Ties Hummelstown Brown Stone Co., 177 TEMPERATURE REGULATORS Johnson System of Automatic Temperature Regulation, 199 TERRA COTTA Conkling-Armstrong Terra Cotta Co., 222 Samuer Co., 185 Standord Terra Cotta Co., 222 Wall, Coating Wall, Plaster Wall, Plaster Wall, Plaster Wall, Ties Hummelstown Brown Stone Co., 177 TEMPERATURE REGULATORS Johnson System of Automatic Temperature Regulation, 199 Denator Regulation, 199 Terra Cotta Co., 222 Standord Terra Cotta Co., 222 Wall, Coating Wall, Plaster Wall	Ronalds & Johnson Co., 194	Holmesburg Granite Co
PRINTING McLaughlin Bros. Co.	Standard Sanitary Mfg. Co., 160-161	Hummelstown Brown Stone Co., 177
PUMPING ENGINES TERRA COTTA		
PUMPING ENGINES TERRA COTTA	McLaughlin Bros. Co., 212	
RADIATORS Galloway, Win., 208 Ketcham, O. W. 195 Maurer, Henry, & Son, 186 Perth Amboy Terra Cotta Co., 188 Standord Terra Cotta Works, 219 Endiadelphia Hardware & Malleable Iron Works, 200 ROOFING MATERIALS American Tin Plate Co., 191 Bennett, Edwin, Roofing Tile Works, 197 Berger Bros. Co., 192 Follansbee Bros. Co., 194 Ketcham, O. W., 195-197 McClure & Co., 195-197 McClure & Co., 195 Wall, TIES Tilles Wall, TIES Wall, TIES Warren-Ehret Co., 184 Warren-Ehret Co., 184 Warren-Ehret Co., 184 Warren-Ehret Co., 184 Warren-Ehret Co., 185 Warren-Ehret Co., 186 Wall, TIES Water Filles Uall, Ties Wall, Ties Wall, Ties Wall, Ties Wall, Ties Wall, Ties Wall, Ties Water Filles Uall, Ties Water Filles Uall, Ties Water Filles Uall, Ties Water Filles Uall, Ties Uall,	PUMPING ENGINES	
RADIATORS Fhila. Hardware and Malleable Iron Works 200	Rider-Ericsson Engine Co., 187	Conkling-Armstrong Terra Cotta Co., 222
Maurer, Henry, & Son, 186	RADIATORS	Galloway, Wm., 208
Smith & Co., The H. B.,		Maurer, Henry, & Son, 186
REGISTERS	and the state of t	Perth Amboy Terra Cotta Co., 188
Tron Works 200 Craft & Smith 224	REGISTERS	
ROOFING MATERIALS	Philadelphia Hardware & Malleable	Sharpless & Watts, 3d cover
American Tin Plate Co.,	Iron Works, 200	
American Int Plate Co.,	ROOFING MATERIALS	
Berger Bros. Co.,		
Follansbee Bros, Co.,	Berger Bros. Co 102	King & Co., J. B., 210
McClure & Co., 204 Taylor Co., N. & G., 193 Warren Chemical and Mfg. Co., 181 Warren-Ehret Co., 184 RUBBER TILING (INTERLOCKING) New York Belting and Packing Co., 224 SASH CHAINS Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co., 203	Follansbee Bros, Co.,	French & Co., Samuel II., 211
Warren Chemical and Mfg. Co., 181 Warren-Ehret Co., 184 RUBBER TILING (INTERLOCKING) New York Belting and Packing Co., 224 SASH CHAINS Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co., 203	McClure & Co., 204	
Warren-Ehret Co.,	Taylor Co., N. & G., 193 Warren Chemical and Mfg. Co 181	Hollis, Edward A., 212
New York Belting and Packing Co., 224 SASH CHAINS Bridgeport Chain Co., 203 Bridgeport Chain Co., 203 Bridgeport Chain Co.,	Warren-Ehret Co., 184	WATER FILTERS
SASH CHAINS Bridgeport Chain Co.,	RUBBER TILING (INTERLOCKING)	
Bridgeport Chain Co., 203 WOOD FINISHINGS	New York Belting and Packing Co., . 224	
Bridgeport Chain Co., 203	SASH CHAINS	
Smith & Egge Mig. Co., 210 Bridgeport Wood Finishing Co., 213	Bridgeport Chain Co., 203	
	Smith & Egge Mig. Co., 210	Bridgeport Wood Finishing Co., 213

LARGEST
INSECT
SCREEN
FACTORIES
IN THE WORLD



THE
E. T. BURROWES
COMPANY
PORTLAND
MAINE

WE make perfect fitting screens for good houses—use the best lumber, properly seasoned—construct all parts with ingenuity and skill—apply the finest finish—

assuring a of durability unsurpassed (



combination and beauty in window screens. We

can refer to thousands of prominent men, whose houses we have screened. Write for list in your state. Estimates furnished. Screens sent on trial. We pay the freight.

PHILADELPHIA OFFICE

707 REAL ESTATE TRUST BUILDING

S. E. COR. BROAD AND CHESTNUT STREETS

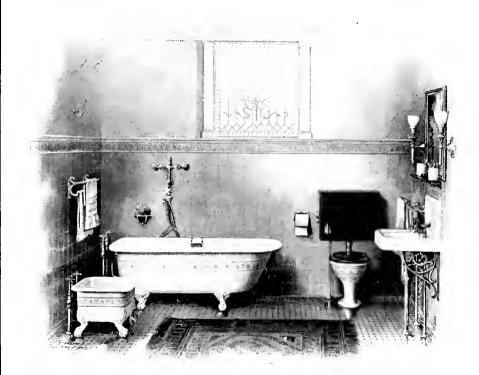
A. E. SNOWMAN, MANAGER



"Standard"

PORCELAIN ENAMELED BATHS AND PLUMBING GOODS

Are the Most Sanitary Made



A MODERN BATH ROOM EQUIPPED WITH "Standard" PORCELAIN ENAMELED SANITARY WARE

STANDARD SANITARY MANF'G CO.

Pittsburgh, Pa., U. S. A.

NEW YORK, 81 FULTON STREET PHILADELPHIA, 18 SOUTH SEVENTH STREET CLEVELAND, 260 PROSPECT STREET ST. LOUIS, 622 SECURITY BUILDING CHICAGO, 415 ASHLAND BLOCK MONTREAL, 301 St. James Street LONDON, 22 HOLBORN VIADUCT LOUISVILLE, 325 WEST MAIN STREET

NEW ORLEANS, 204 SOUTH PETERS STREET

THE NAME

"Standard"



Is Cast in Relief on Every Piece of the

PORCELAIN ENAMELED WARE

THAT HAS RECEIVED THE HIGHEST AWARDS AT ALL WORLD'S FAIRS AND EXPOSITIONS

The Guarantee which this name carries with it is absolute and a perfect assurance against the annoyances inseparable from the use of inferior and non-guaranteed brands. It is essential to perfect sanitation that all sanitary equipment, such as lavatories, water-closets, etc., have a surface that is hard, smooth and perfectly non-absorbent.

"Standard" Porcelain Enamel provides these features in the highest possible degree, combining the daintiness and purity of China with the strength and durability of iron.

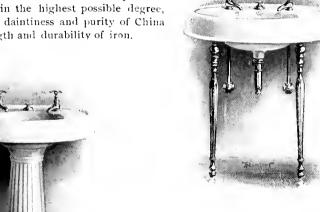


PLATE 1036 G

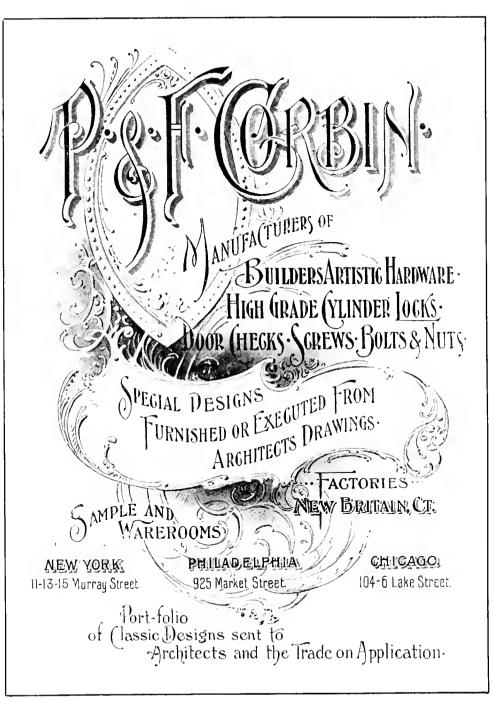
"Standard" Porcelain Enameled Lavatories comprise a full line of new patterns that are graceful in design and beautiful in finish, as well as practically adapted to the purpose for which they are intended.

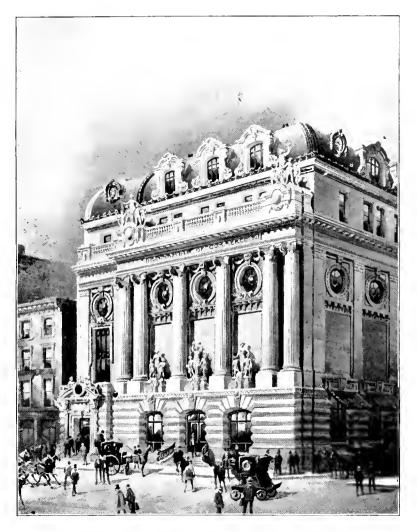
PLATE 1035 G

BOOK OF MODERN BATH ROOMS, showing various designs of interiors, equipment and arrangement, with prices, etc., sent free on application.

STANDARD SANITARY MANF'G CO.

Pittsburgh, Pa., U. S. A.





THE CHAMBER OF COMMERCE, NEW YORK CITY

Is equipped throughout with Corbin Hardware of a Special Design—Corbin Unit Locks and Corbin Door Checks

It is the line that is always specified when the very best is required

P. & F. CORBIN

925 Market Street

PHILADELPHIA

NEW BRITAIN

NEW YORK

CHICAGO

KEYSTONE FIREPROOFING COMPANY

ENGINEERING DEPARTMENT

16 South Broad Street, Philadelphia, Pa.

Contractors for

Keystone Fireproof Floors Keystone Fireproof Blocks

FOR PARTITIONS, FURRING, ROOFS, CEILINGS, COLUMNS AND GIRDER PROTECTION, ETC.

Lighter Than Any Other of Equal Strength or Efficiency
RECENT WORK

Six Keystone Telephone Co.'s Buildings, Seymour and Paul Davis, Architects.
Philadelphia Stock Exchange, Louis C. Hickman, Architect.
Keith's New Theatre, Bruce Price, Architect.
Girard Bauk, Jas. H. Windrim, Architect.
N. E. Conservatory of Music, Boston, Wheelwright & Haven, Architects.
Columbian Hospital, Washington, D. C., Hornblower & Marshall, Architects.

Highlands Apartment House, Arthur B. Heaton, Architect.

THE KEYSTONE PLASTER CO.

Manufacturers of

"Victor" and "Adamant" Wall Plasters

AND

"KEYSTONE" CALCINED PLASTER

MILL

OFFICE

Foot of Jeffries St., Chester, Pa.

16 S. Broad St., Philadelphia, Pa.

SOME PROMINENT BUILDINGS PLASTERED LAST YEAR

Girard Bank, 116 South 3d St., Philadelphia; Philadelphia Stock Exchange, 3d and Walnut Sts., Philadelphia; Gimbel Building, 8th and Market Sts., Philadelphia; Commonwealth Trust Co., 12th and Chestnut Sts., Philadelphia; Peuua.

R. R. Co. Offices, 15th and Filbert Sts., Philadelphia; Mt.

St. Josephs Academy, Chestnut Hill, Pa.



PHILADELPHIA STOCK EXCHANGE LOUIS C. HICKMAN, ARCHITECT

Partitions, Furring and Column Protection—Keystone Fireproofing Company Plaster Throughout, Victor Wall Plaster—Keystone Plaster Company

FRANCIS BROS. & JELLETT, Incorporated

CONSULTING ENGINEERS

245 North Broad Street, Philadelphia, Pa.

Plans and Specifications prepared for complete power plants, heating and ventilation, electric lighting, fire protection systems, and general mechanical engineering.

Expert Advice and Superintendence Correspondence Solicited

Among the mechanical and electrical plants designed by us during 1902, are the following:

BUILDINGS

Bellevue-Stratford Hotel, Philadelphia University of Wooster, Wooster, O Dennisson Mfg. Co., New York Pennsylvania Railroad Office Bldg., 15th and Filbert Streets, Philadelphia Lackawanna Iron & Steel Co.'s Office Bidg., Buffalo, Lancaster General Hospital, Lancaster, Pa Residence, Belle Haven, Conn. Hospital Canadian Copper Co., Ontario, Canada Friends Boarding Home, Germantown Coatesville Hospital, Coatesville, Pa. Nashville Library, Nashville, Tenn. Sauquoit Silk Mfg. Co., Wayne Junction, Philadelphia Roxford Knitting Co., Randolph and Jefferson Sts., Philadelphia Fleisher & Pfaelzer Mills, Westmoreland and H

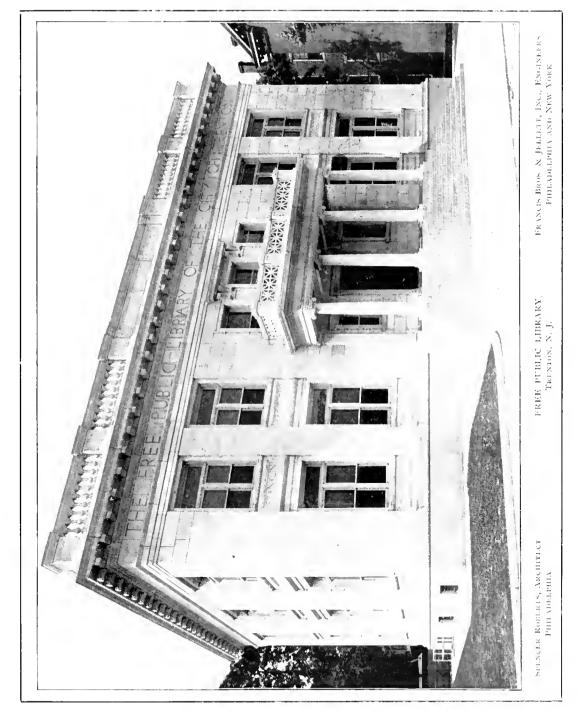
Streets, Philadelphia

ARCHITECTS

G. W. & W. D. Hewitt L. C. Holden Wilson Eyre

Furness, Evans & Co.

L. C. Holden
C. Emlen Urban
Newman & Harris
Ives & Whitfield
Bunting & Shrigley
Heacock & Hokanson
Albert Randolph Ross
Collins & Autenreith



The Roebling Construction Co.

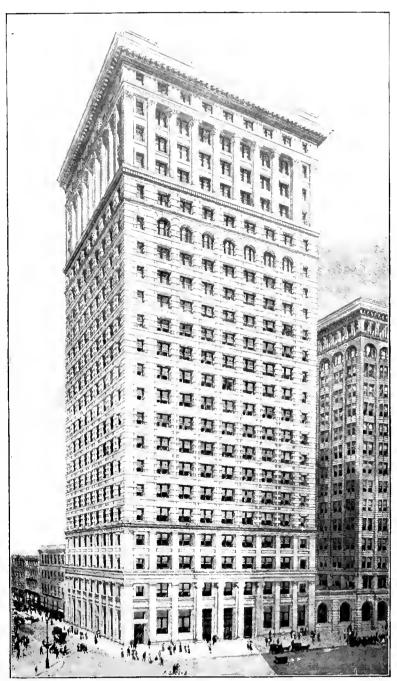
FIREPROOFING

PHILADELPHIA OFFICE
1018 Real Estate Trust Building

TELEPHONES

Bell { 3-39-03 } 3-39-04

Keystone: Race 1-77



THE LAND TITLE AND TRUST CO.'S BUILDING, BROAD AND SANSOM STS., PHILA.
D. H. BURNHAM & Co., Architects Fireproofed by The Robbling Construction Co.

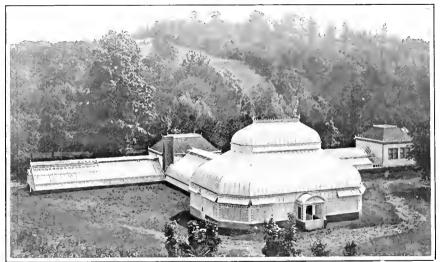
HITCHINGS & CO.

233 MERCER ST., N. Y.

HORTICULTURAL BUILDERS AND DESIGNERS

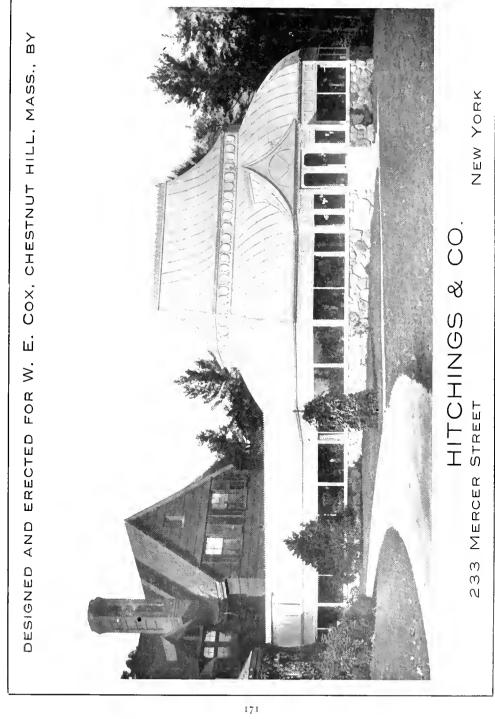
AND MANUFACTURERS OF

GREENHOUSE HEATING AND VENTILATING APPARATUS



DESIGNED AND ERECTED BY US FOR MT. HOLYOKE COLLEGE, SO. HADLEY, MASS.

ESTABLISHED 1844 CATALOGS ON APPLICATION



Expanded Metal Fireproofing Union Metal Corner Bead Expanded Metal Lockers

ARE ALL GOOD BECAUSE THEY ARE DESIGNED WITH COMMON SENSE, UPON CORRECT PRINCIPLES, AND ARE MADE "ON HONOR" THROUGHOUT. LET US TELL YOU ABOUT THEM AND ABOUT SOME OF THE PEOPLE WHO ARE REGULARLY SPECIFYING THEM OR USING THEM.

MERRITT & COMPANY

1024-1030 RIDGE AVENUE
PHILADELPHIA



BARON DE HIRSCH TRADE SCHOOL FOR BOYS, NEW YORK
FRIEDLANDER & DILLON, ARCHITECTS FIREPROOFED THROUGHOUT WITH EXPANDED METAL

Berry Brothers, Limited

Makers of

Varnish

for every use under the SUN

White, Light and Walnut
Hard Oil Finish

Spar Varnish (for outside work)

Elastic Interior

Elastic Outside

Liquid Granite (for floors)

Shingletint (for roofs)

Lacklustre

Philadelphia Branch
26 and 28 N. Fourth Street

Factory
Detroit, Mich.



MARINER AND MERCHANT BUILDING, PHILADELPHIA

JAMES H. WINDRIM, ARCHITECT BERRY BROTHERS' VARNISHES USED

DEXTER BROTHERS' ENGLISH STAINS SHINGLE STAINS

STAND IN ALL CLIMATES

SEND FOR SAMPLE BOARDS AND COLOR PLATES TO

DEXTER BROTHERS

103-105-107 BROAD STREET, BOSTON

SAMUEL BETTLE, JR., AGENT, 220 RACE ST., PHILADELPHIA

JOHN BARBER

Cabinet Maker
Interior Wood Work
Furniture

203-205 Chancellor Street PHILADELPHIA, PA.

Fine Architectural Interiors a specialty Estimates Furnished

Telephone 37-12 D

John J. Maene Emil A. Bode B. A. Tweedale

Architectural Decorative Co.

Workers in

Stone, Wood, Plaster and Compositions

413 and 925 Locust St. Philadelphia, Pa.

ALLEN K. WALTON, Pres't and Treas. ROBERT J. WALTON, Superintendent

CONTRACTORS FOR ALL KINDS OF CUT STONE WORK

ESTABLISHED 1867
BY
ALLEN WALTON

Hummelstown Brown-Stone Co.

Quarrymen and Planufacturers of

BUILDING STONE

SAWED FLAGGING AND TILE

PHILADELPHIA SALES AGENT, I. W. KENDERDINE & BRO. 407 BUILDERS' EXCHANGE

Parties visiting the Quarries will leave the cars at Brownstone Station on the Philadelphia & Reading Rwy.

Telegraph and Express Address BROWNSTONE, PA.

WALTONVILLE, DAUPHIN CO., PA.

WE ARE PIONEERS!

Tapestrolea

Treatments of Burlaps and other good and useful textiles for artistic interior decoration so good as to be considered "STANDARD."

Decorators' Cauvas, Drapery Stuffs, Metallic Effects, Colored Buckram, Colored Cheviots, Herringbone, Ceiling Canvases, Tapestry Canvas, Aluminum, Dutch Metal Leaf, Artists' Canvas, Sign Painters' Canvas, Absorbent Canvas, Buckram Bookeloth.

Materials from 3 to 24 feet wide.



RICHTER MANUFACTURING CO. TENAFLY, NEW JERSEY

Original Burlap Decorations.

Dyeing, Finishing and Printing Works

Represented in New York City at No. 115 E. 23d St.

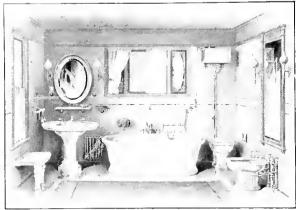
THE J. L. MOTT IRON WORKS

1128 Walnut Street

Phone 3-52-54

PHILADELPHIA, PA.

We extend a cordial invitation to allarchitects and others interested in high-grade Sanitary Appliances, to visit our extensive Show Rooms at the above address, aud inspect our complete line of Fixtures suitable for Mansions, Public Institutions. Office Buildings, Factories, etc.



We are exclusive manufacturers of our entire product, having our own Potteries, Enamel Works. Iron, Brass and Brouze Found. ries, and Cabinet Works, Included in our lines of Specialties will also be found a complete line of Stable Fixtures, Bronzes, Steam and Hot Water Heaters, Hot Air Furnaces, Ranges, Wall and Floor Tiles.

Prize Bath Room, Paris and Buffalo Expositions. Pl. 2079-R

Cabot's Shingle Stains

The original shingle stains, and proved by twenty years' increasing sale, specification by the leading architects, and the flattery of imitation, to be the best. Made of pure ground colors, linseed oil and creosote, "the best wood preservative known"





Andrews, Jaques & Rantoul, Architects, Boston

Cabot's Sheathing and Deafening "Quilt"

Not a mere felt or paper, but a scientific insulator to take the place of papers, felts, back plaster and other primitive and ineffectual methods. Decay, moth and vermin proof, and uninflammable. Samples and full information sent on application.

SAMUEL CABOT, Sole Manufacturer, 70 Kilby St., Boston, Mass. SAMUEL H. FRENCH & CO., Agents, Philadelphia

Good Painting at the Present Day is Impossible Without ZINC WHITE

ERNEST FLAGG, Architect No. 35 Wall Street, New York

January 20, 1902.

THE NEW JERSEY ZINC COMPANY,

11 Broadway, City.

Gentlemen:

Replying to yours of January 2d, would say that I am familiar with Zinc White, and have often used it. I am also in the habit of specifying it in combination with white lead where the nature of the work so requires.

You say, "Our broad claim is that good painting at the present day is impossible without Zinc White." I am inclined to think this is true.

Yours truly,

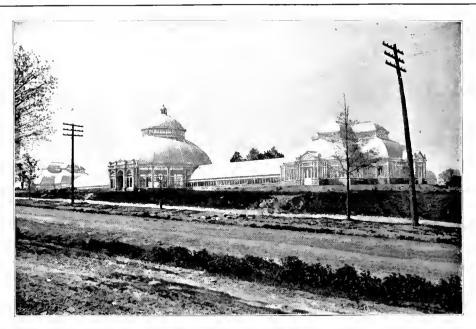
(Signed)

ERNEST FLAGG.

Information regarding Zinc White is contained in our practical pamphlets:—
"Paints in Architecture;" "The Paint Question;" "French Government
Decrees;" "Specifications for Architects,"—Free to any address.

New Jersey Zinc Company

No. 11 Broadway, New York



HORTICULTURAL BUILDING IN THE NEW YORK BOTANICAL GARDEN, BRONX PARK, NEW YORK CITY.

Designed by Lord & Burnham Company.

HIS building has been erected with our patented construction in accordance with plans, details and specifications furnished by us and under our superintendence. Now that the final wings are added in accordance with our original design it is one of the most important Horticultural Buildings in the world.

We are constantly erecting

Fine Conservatories

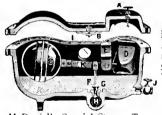
from special designs, on large private estates all over the country, in public gardens and parks, and in connection with large city residences.

We particularly desire the opportunity to work up sketches and estimates from suggestions of architects.

Book of illustrations sent on application.

Lord & Burnham Company

New York Office ST. JAMES BUILDING Broadway and 26th St. General Office and Works
IRVINGTON-ON-HUDSON
New York



McDaniel's Special Steam Trap Send for Catalogue

The McDaniel Trap

is the best for high or low pressure. Especially adapted for Mills, Factories, Power Plants and Steam Heating. We also manufacture Exhaust Heads, Seperators for live or exhaust steam, Reducing Valves for all purposes, Ejectors and Suction Tees.

WATSON & McDANIEL CO.

146 N. Seventh Street
PHILADELPHIA, PA

Thos.M.Seeds, Jr.

CARPENTER
BUILDER and
CONTRACTOR

1216 Race Street

PHILADELPHIA

Telephone

INDELIBLO

Exterior Weatherproof Cold Water Paint

Muralo and Calcimo

Interior Sanitary Wall Coatings

These materials are made in a dry powder form in white and various colors, and are ready for use when mixed with COLD WATER.

Color cards, prices, etc., can be obtained from the wholesale agents for Philadelphia, Messrs. Samuel II. French & Co., York Ave., Fourth and Callowhill Streets, or direct from the manufacturers.

THE MURALO COMPANY

New Brighton

Borough of Richmond, N. Y.



WARREN'S ANCHOR BRAND ROOFING

COVERS THE BEST BUILDINGS

The accompanying cut shows the Union Passenger Station, Albany, N. Y., which has in use 40,000 sq. ft. Anchor Brand Roofing.

AFTER 25 YEARS' SERVICE ACKNOWLEDGED THE STANDARD ASPHALT ROOF OF AMERICA

WARREN CHEM. & MFG. CO.

170 Broadway, New York



Pittsburgh Plate Glass Company

LARGEST PRODUCERS OF PLATE PHILADELPHIA WAREHOUSE:
GLASS IN THE WORLD N. E. Cor. 11th and ARCH STREETS

Patton's Jun Proof Paints

Pneumatic Tower Clocks and Time Systems

Murta, Appleton & Co.

Market and Eleventh Streets
PHILADELPHIA

ARTISTIC AND SPECIAL DESIGNS IN

Fine Grade Builders' Hardware

SAYRE & FISHER CO.

ENAMELED BRICK, ALL SHAPES AND COLORS

SUPERIOR FIRE BRICK, ALL SHAPES AND SIZES HARD BUILDING BRICK ALSO HOLLOW BRICKS
EW YORK OFFICE WORKS AT SAYREVILLE, N. J. NEW YORK OFFICE 207 BROADWAY ON RARITAN RIVER

TELEPHONE 91 A, NEW BRUNSWICK

PHILADELPHIA OFFICE, 1215 FILBERT STREET

W. L. MCPHERSON, AGENT

BROWN RED SELECTED AND REPRESSED STRETCHERS. ALSO BLACK END HEADERS A SPECIALTY

TELEPHONES

FRANCIS F. BLACK

BELL WALNUT 079

GEORGE T. DU BOIS

KEYSTONE MAIN 5164A WILLIAM M FDWARDS

Telephone 1944

Established 1851

F. A. Black & Son Co.

PAINTING AND CONTRACTORS

PAINTING PAPERING FRESCOING HARDWOOD POLISHING

STOGDALE BUILDING No. 620 S. Washington Square PHILADELPHIA

Roberts Leinau

(Successor to Sam'l W. Leinau)

Plumbing and Gas Fitting

No. 111 South Seventh Street

Branch Shop 20th and Tioga

PHILADELPHIA

LIQUID AND PASTE FILLERS

Interior and Exterior Varnishes and Fin-

ishes. Agate Finish for Floors.

Tough, Elastic, Durable—Send for catalogue of the most dependable line of goods on the market.

EUGENE E. NICE, Philadelphia

Win Fame and Fortune

SPECIFY

EHRET'S SLAG ROOFING

It is Fireproof Needs No Repairs Guaranteed Ten Years

APPLIED ONLY BY

WARREN-EHRET COMPANY

THE LAND TITLE BUILDING PHILADELPHIA

HOME OFFICE

NEW YORK F

READING SCRANTON WASHINGTON TRENTON PITTSBURGH

SEND FOR OUR GOLDEN JUBILEE SOUVENIR

Morse, Williams
& Co.

Passenger

and

Freight

ELEVATORS

Philadelphia

Manufactured by us for years, the well known

SCOTT'S EXTRA COATED



ANSBER BROOM

ROOFING TIN

Used with satisfaction on Public and Private Buildings throughout the country. The orders for it constantly increasing.

For Genuine IRON Base Plate, we offer



Imported specially by us from Wales
The best Iron Plate made.

FOLLANSBEE BROTHERS CO. PITTSBURGH

Philadelphia-Louisville-Chicago

STEPHENS COOPER & CO.

15 SOUTH EIGHTEENTH STREET PHILADELPHIA

Modeling
Plaster-Casting
Stone-Carving
Decorative Marble
Staff
Interior Staff

TELEPHONE 1-56 47 M



Caen Stone Mantel with Marble Panels Cope & Stewardson, Architects

EXECUTED BY

J FRANKLIN WHITMAN CO

· DECORATIVE · SCVLPTORS

212 · SOVTH FIFTH STREET · PHILADELPHIA · PA

CARVERS AND MODELERS CASTERS IN PLASTER, PAPIER MACHE, CEMENT CARTON PIERRE, BRONZE, GARDEN POTTERY ESTABLISHED 1856

HENRY MAURER & SON

Hollow Tile Fire-Proof Flooring

FACTORIES
MAURER, NEW JERSEY

GENERAL OFFICE
420 East Twenty-third Street
NEW YORK

PHILADELPHIA OFFICE

24 South Seventh Street

JOHN A. STAHR Manager



View of test, made in Philadelphia, of the "Herculean," Arch on a span of 18 feet, for building department of that city. Loaded with 108,000 lbs on 108 square feet of surface or 600 lbs. to the square foot, load remaining on from May 21 to June 12. No perceptible deflection.

HERCULEAN TERRA COTTA FLAT ARCH

A. E. WELLS, President J. E. WELLS, Vice-President F. A. WELLS, Secv. and Treas.

NEW YORK CHICAGO BALTIMORE

Wells Brothers Company

Building Contractors

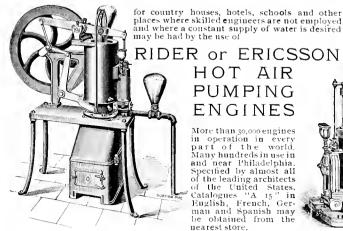
507-508 STEPHEN GIRARD BUILDING

EDWIN GILBERT

Philadelphia Representative

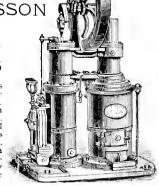
PHILADELPHIA

WATER SUPPLY



RIDER or ERICSSON HOT AIR PUMPING ENGINES

> More than 30,000 engines More than 30,000 engines in operation in every part of the world. Many hundreds in use in and near Philadelphia. Specified by almost all of the leading architects of the United States. Catalogues "A 15" in English, French, German and Spanish may be obtained from the nearest store. nearest store.



DER-ERICSSON ENGINE

35 WARREN ST., NEW YORK 40 DEARBORN ST., CHICAGO 239 FRANKLIN ST., BOSTON 40 N. SEVENTH ST., PHILADELPHIA

692 CRAIG ST., MONTREAL, P. Q

THE PERTH AMBOY TERRA COTTA COMPANY

OF

PERTH AMBOY, N. J.

Philadelphia Office 1210 North American Building

ARCHITECTURAL TERRA COTTA



The proper execution of architectural designs is most important and can only be accomplished satisfactorily when the manufacturer cooperates intelligently and willingly with the architect and owner. This is especially true of

HARDWARE.

The Russell & Erwin
Mfg. Co.
19 N. 5th St. - Philadelphia



THE FIRST CITY TROOP ARMORY

23d abobe Chestnut St., Philadelphia
All the Face Stone and Cut Stone of

HOLMESBURG BUFF GRANITE

THE NORTHWESTERN GRAMMAR SCHOOL

Race St. between Broad and 15th Sts., Philadelphia
All the Cut Stone and Face Stone of

HOLMESBURG GRAY GRANITE

HOLMESBURG GRANITE CO.

Ouarries

Office

35th Ward, Phila., on P. R. R.

112 N. BROAD ST., PHILADELPHIA

S. C. REGISTER, President THOS. E. BAIRD, JR., Treasurer

Atlas Portland Cement

Standard American Brand

્ષ ્ષ

Philadelphia Representative PHILIP S. VOLLMER

Telephone 1-21-71

112 N. Broad Street

American Tin Plate Company

BATTERY PARK BUILDING, NEW YORK The sole owner of the "MF" brand and MF process of making terne plates (Roofing Tin)



The MF process of manufacturing roofing tin originated in South Wales two generations ago; from that time to the



present the product of the MF process has been the most reliable, and hence the "most favored."

Recently the New Method by which terne plates are finished in a manner that gives further protection against corrosion has been combined with the MF process. The result of this combination is the U. S. Eagle N. M. Brand.

You can have the new art booklet, "A Fifty-year Roof," free if you write to W. C. CRONEMEYER, Agent, Carnegie Bldg., Pittsburgh, Pa.

The Kelsey Warm Air Generator



Commands special attention as the highest type of heating apparatus. All the good points and none of the defects of others. Simpler and easier of management; more perfect than steam or hot water. No radiators required; can be connected with your present system of flues and registers. Takes the place of two or three hot air heaters. Seventeen thousand satisfied users.

The Makin-Kelsey Heating and Mfg. Co.

1717 CHESTNUT STREET

PHILADELPHIA, PA.



ALL Sizes and We make a specialty of furnishing either COPPER or GALVANIZED Material. GAUGES. Our Pipe Fastener has no equal.

Hangers and Fasteners of all kinds in stock and to order, Write for fully illustrated Catalogue and Prices

PHILADELPHIA Manufacturers and Jobbers of Tinners' and Roofers' Supplies Warerooms, 100-102-104 Bread Street CO., BROS. BERGER Office and Store, 237 Arch Street

Factory, 17th and Clearfield Streets

BROHARD DOOR HOLDER



OVER THREE MILLION IN USE

Made in three sizes and any style finish,
Specified by the leading architects.

THE BROHARD CO.
1624 N. 9TH ST. PHILA. PA.

THE BROHARD IMPROVED EXPANSION BOLT



14 IN. TO 1/2 IN. EXPANDS TWO WAYS



58 IN. AND LARGER EXPANDS FOUR WAYS

Has two distinct features over all others' Impossible to lose nut from Expanding Case, and shape insures solid bearing at all points of contact when expanded.

THE BROHARD CO.

1624 N. 9тн ST.

PHILA., PA.

"TAYLOR OLD STYLE"

ROOFING TIN

Always accepted by the United States Government as the highest grade roofing tin made.

First Made in Philadelphia in 1830 The Old Original Brand



Ronalds & Johnson Co.

PLUMBING GOODS

Full Line and Quality All Right

PHILADELPHIA NEW YORK BROOKLYN

Ornamental Terra Cotta Fancy Front Brick Enameled Brick Fire Brick Fire Proofing Roofing Tile and all Clay Products

O. W. KETCHAM

BUILDERS' SUPPLIES IN CLAY PRODUCTS

24 South Seventh Street, Philadelphia, Pa.

TELEPHONE CONNECTIONS

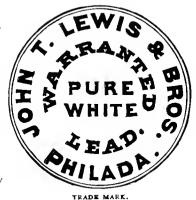
USE THE BEST

JOHN T. LEWIS & BROS.

PURE WHITE LEAD
PURE RED LEAD
PURE LINSEED OIL
PURE COLORS

Give the best and most lasting results

Sample cards and schemes of coloring sent to any address on application



JOHN T. LEWIS & BROS. CO.

231 S. FRONT ST., PHILADELPHIA

TO OBVIATE TROUBLE

Dixon's Silica Graphite Paint

The Original and Only GRAPHITE PAINT Backed with FORTY YEARS of Time-Proven RECORDS

FOR BRIDGES, VIADUCTS, STRUCTURAL STEEL AND TIN ROOFS IS UNEXCELLED

MAUFNACTURED BY

Joseph Dixon Crucible Co.

JERSEY CITY, N. J.

1020 Arch Street, Philadelphia Monadnock Block, Chicago Lewis Block, Pittsburgh, Pa. 68 Reade Street, New York City 304 Market Street, San Francisco 26 Victoria Street, London, Eng.



ADIAM COX Stove Co.



The Only Best

Builders' Exchange 18-24 South 7th Street



factories Philadelphia ^{AND} The Emblem of Efficiency

GENERAL OFFICES
American and Dauphin
Streets
PHILADELPHIA



Lansdale

BE SURE YOU HAVE OUR CATALOGUE ON FILE



RESIDENCE FOR MR. FORSYTH, GLENSIDE, PA. H. L. A. JFKEL, ARCHITECT

Edwin Rennett. Roofing Tile Works

BALTIMORE, MD.

MANUFACTURERS OF

Roofing Llay

IN ALL FORMS

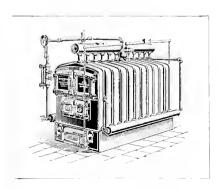
O. W. KETCHAM

24 SOUTH SEVENTH STREET

PHILADELPHIA

THE MERCER BOILI

Factories Westfield, Mass Established 1852



THE MERCER for heating large residences, churches, schools, etc., by STEAM or HOT WATER

Double Return Flues Screw Nipple Joint Connections Reed Rotating Grate (Interchangeable) All Parts Accessible for Cleaning

The Mills Safety Boiler

(Columbian Exposition Medal)

Public Schools, Philadelphia
Deutal College, 18th and Race Sts., Philadelphia
Daniel Baugh. 18th and Locust Sts., Philadelphia
W. W. Harrison, Glenside, Pa.
Camden Armory, Camden, N. J.
Geo. H. Boldt, Alexandria Bay, Hart Island, N.
Y. (2 boilers)

New Pattern Homestead Steam and Water Boilers now ready for shipment

RADIATORS Direct, Indirect and Semi-Direct New Design of Direct Radiators: Scepter and Tiara Y=Ray Wall Radiators

THE H. B. SMITH CO., 704 Arch Street, Philadelphia

Chicago Varnish Company

MANUFACTURERS OF

HIGHEST GRADES OF

ARCHITECTURAL FINISHES

Supremis for Floors
Shipoleum for Standing Finish
Ivory Enamelite for Colonial Finish
White Enamelite, an Enamel Paint
Exterior Oak for Ontside Work
Navalite for Marine Work

CHICAGO. Dearborn and Kinsie Sts.
NEW YORK, 22 Vescy St.
BOSTON, 109 Pearl St.

H. E. & D. G. Yarnall

1026 RACE ST.

PHILADEI PHIA

You should use

Y B Hard Fnamel

because it is the best. In specifying small details, the architect succeeds in securing perfect results; failure in some minute detail often mars a magnificent piece of work.

The almost universal use of Hard Enamel in finishing, should lead the careful architect to specify only goods that are sure to prove satisfactory, and give a lasting tone and character to the finished work.

We will be pleased to send upon application, one of our pamphlets on "How to Finish Enamel Work"

H. E. & D. G. YARNALL
Paint Manufacturers
1026-28 RACE STREET
Philadelphia

Albert A Reeves Mark B Reeves Henry Reeves
J. Herbert Schall

John C. F. Trachsel

Consulting Heating Engineer

No. 230 ARCH STREET
PHILADELPHIA, PA.

Stacy Reeves

CARPENTERS and BUILDING CONTRACTORS

OFFICE AND MILL

1611 Filbert Street



Cliffwood, N. J.

Colonial Bricks

BLACK HEADERS STRETCHERS ROUGH HARD AND SALMON

GLENSIDE STORES LAWRENCE V. BOYD, ARCHITECT

CAPACITY, 40,000,000 YEARLY

O. W. KETCHAM

24 SOUTH SEVENTH STREET

PHILADELPHIA



U. S. PATENT OFFICE

JOHNSON SYSTEM Automatic Temperature and Moisture Regulation

For Public and Office Buildings, Hospitals, Colleges, Schools and Residences. Contributes to comfort and health, and is a source of economy in fuel. Approved and endorsed by leading architects and engineers

1109 Arch St.

Philadelphia

RADIATORS

FOF

STEAM AND HOT WATER
HEATING



COLONIAL

REGISTERS

FOR

HOT AIR HEATING

DORIC

MADE BY

PHILADELPHIA HARDWARE AND MALLEABLE IRON WORKS

INCORPORATED

Office, S. E. Cor. 9th and Jefferson Sts. . . .

Philadelphia

Kittanning Brick and Fire Clay Co.

Manufacturers of

High Grade Vitrified

FACE BRICK

Pittsburgh, Pa.

Represented by

O. W. KETCHAM, 24 S. 7th St., Philadelphia, Pa.

FISKE & Co., Boston BLACK & HUNT, Buffalo

THOMAS MOULDING Co., Chicago

PFATENHAUER & NESBIT, New York E. R. Diggs & Co., Baltimore HOLMES, STRACHAN & Co., Detroit

FILTERS LOOMIS

"The only Filter that can perfectly cleanse itself"



For Manufacturing

Residences Establishments

Dye Works Hospitals

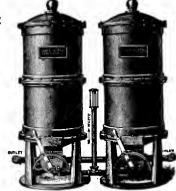
Office Mills

Buildings City and

Hotels Town

Apartment Water

Works Houses

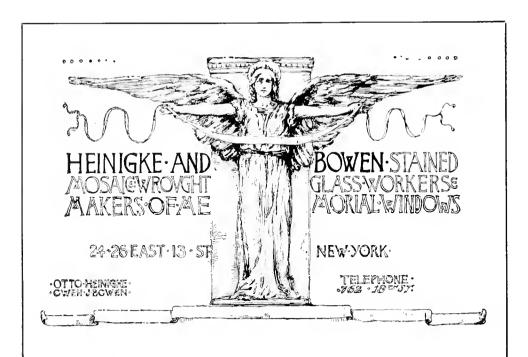


LOOMIS=MANNING FILTER CO.

Main Office, 402 Chestnut Street. Philadelphia. Pa.

BRANCH OFFICES AND SALESROOMS

NEW YORK BOSTON BALTIMORE Havemeyer Bldg., 27 Church St. 440 Exchange Building 341 N. Charles St. 620 14th St., N. W.



MEMBER OF MASTER BUILDERS' EXCHANGE PHILADELPHIA

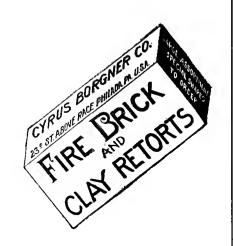
John W. Fritzinger

contractor

and builder

manayunk, philadelphia

ESTIMATES CHEERFULLY FURNISHED JOBBING PROMPTLY ATTENDED TO





"MONARCH" SASH CHAINS

The best Sash Chain made. Gives the highest tensile strength. Our chains are blanked with the grain of the metal, insuring full strength of the material and perfect uniformity. Made from a special pure bronze, which is thoroughly non-corrosive. Note shape of the links. They are flattened, making them stronger than the ordinary chain, also prevents substitution. The short semi-circular crown and shape of link forms a truss which makes the "Monarch" chain flexible up to the breaking point. Actual tests show greatest tensile strength. M'ftured by

THE BRIDGEPORT CHAIN CO., BRIDGEPORT, CONN.
N. A. PETRY

Representative, 401 and 403Commerce St., Philadelphia

A. RAYMOND RAFF

CARPENTER
BUILDER **
CONTRACTOR

OFFICE

1635 THOMPSON STREET

ESTIMATES FURNISHED BOTH PHONES

A Burning Question

With Architects, Builders and Contractors is to have Water Closet Fixtures that are not continually getting out of order

WE MAKE 'EM

The John Douglas Co.

Exclusive Manufacturers of HIGH GRADE WATER CLOSET FIXTURES
835 Arch St., Philadelphia, Pa.



OFFICES OF

H. MARION ZANE

CONTRACTOR AND BUILDER

BELL TELEPHONE 8-58-76

722-724 HALE BUILDING

KEYSTONE TELEPHONE 3-61 RACE

S. W. COR. CHESTNUT AND JUNIPER STREETS
PHILADELPHIA. PA.

PROTECTION IS ASSURED YOUR CLIENT

WHEN YOU SPECIFY

"McClure's Genuine Charcoal Iron Redipped"

BRAND ROOFING TIN

WE ASSUME THE ENTIRE RESPONSIBILITY BY GIVING A WRITTEN GUARANTEE OF 15 YEARS

Cost is about one-third that of Sheet Copper

PITTSBURGH

McCLURE & CO. PHILADELPHIA

SOLE MAKERS

MILLS: WASHINGTON, PA.

BOTH PHONES

F. T. MAGUIRE

CONTRACTOR and BUILDER

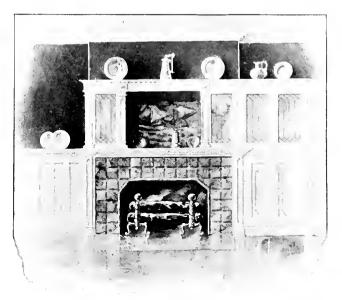
1720 SANSOM STREET
PHILADELPHIA

Perfection Flat Finish

A new varnish that dries with a wax-like, flat finish without the necessity of rubbing. Is superior to a Varnish that requires to be rubbed because it is quicker, cheaper, cleaner, less laborious and more durable. Adds a coat instead of rubbing one away, thus making the work more permanent. Send for sample and price.

Felton, Sibley & Co.

136, 138, 140 No. Fourth Street
PHILADELPHIA



JAS. C. DALY

CHAS. A. SUDDARDS

James C. Daly & Co.

BATH ROOM TILINGS ART MOSAICS WOOD AND BRICK MANTELS FIREPLACE FURNISHINGS

1626 CHESTNUT ST.
PHILADELPHIA

DESIGNS FURNISHED

Original Designs Century Stained Glass Works, Ltd.



ESTIMATES FURNISHED ANTIQUE AND ART STAINED GLASS

For Churches, Dwellings and Public Buildings

212 S. Eleventh treet,

Philadelphia

If You Want a Perfect Floor Finish ... USE ...

THE CINCINNATI VARNISH CO.

128 E. Court St., Cincinnati, Ohio. 142 N. Fourth St., Philadelphia. Pa.

A. F. McCarty & (O

CONTRACTORS ENGINEERS

514 Heed Building, 1215 Filbert Street

PHILADELPHIA

Structural and Ornamental Iron Work for Buildings

Structural Shapes in Stock

J. S. CORNELL & SON

Carpenters Contractors and Builders

416-417 Girard Building

Broad and Chestnut Sts.

Shop

1917-19 WOODSTOCK STREET

Philadelphia

William Reith STAINED GLASS MANUFACTURER

ECCLESIASTICAL, DOMESTIC, HERALDIC AND

MEMORIAL CHURCH WINDOWS :: ::

Medal and Diploma, World' Fair, Chicago, and Industrial Art Exposition, Philadelphia

134 N. Seventh Street Philadelphia

HIRES. TURNER GLASS CO.

MANUFACTURERS. IMPORTERS AND DEALERS IN

FRENCH PLATE. AMERICAN PLATE SILVERED PLATE. ROUGH PLATE RIBBED PLATE, WINDOW, PICTURE COLORED, CATHEDRAL ORNAMENTAL



626 ARCH STREET, PHILADELPHIA

FACTORIES, QUINTON, N. J.

ORNAMENTAL AND SANITARY

TILING

OF EVERY DESCRIPTION

MOSAICS, ARTISTIC FIREPLACES AND FIXTURES. ALSO MARBLE WORK . .

HIGH GRADE MANTELS

A SPECIALTY

WESLEY SLOAN
1835 MARKET ST.

Scientifically it is the nearest to perfection.

Mechanically it is the closest to automatic operation.

Commercially it is the most economical.

What is? The Webster System of Steam Circulation for Heating Purposes

OWNERS, Architects, Consulting Engineers, Operating Engineers and Heating Contractors who have specified, installed or used the "Webster System," KNOW there is nothing else near so good—hence we get duplicate orders. .:

DUPLICATE ORDERS SPEAK VOLUMES

YOU ALSO WANT TO KNOW ALL ABOUT THE

Webster "Vacuum" Feed Water Heater, Purifier, Receiver and Filter

WARREN WEBSTER & COMPANY

Main Office and Works, Camden, N. J.

Philadelphia Office, 1105-6 Stephen Girard Building WM. W. MORGAN, Phila. Manager

SEND FOR CATALOGUE OR ASK FOR PERSONAL INTERVIEW WITH OUR REPRESENTATIVE

PLATE GLASS

WINDOW GLASS

Skylight and Floor Glass. Rolled Cathedral, beautiful tints. Embossed Enameled and Colored Glass. A full stock of Plain Window Glass. Every variety for Architects' and Builders' Use.

BENJAMIN H. SHOEMAKER

205, 207, 209, 211 North Fourth St. PHILADELPHIA, PA.

O'Neil Elevator Company

Manufacturers and Erectors of

Elevators and Dumb Waiters

And all Appliances for same

628 Cherry Street

TELEPHONES Philadelphia, Pa.

Galloway's Terra Cotta Works

Architectural Terra Cotta Garden Vases Fountains Statuary, etc.

WILLIAM GALLOWAY

3216-24 Walnut Street

PENNSYLVANIA BLUE PRINT CO.

1009 Arch Street, Philadelphia, Pa.



Blue Line Prints

Blue Prints

🥦 Prints on Linen 🚜

Samples of our Blue Line Positive Prints mailed on application

Snow's Sanitary Stall Floors

Most modern up-to-date drain for stables

Over 1000 in Use in Philadelphia and Vicinity

Recommended by leading Architects and users

Manufactured by

WM. ADAMS & CO. 960-970 N. 9th St.

Fine Stable Fittings and Equipment

VASES LAWN FURNITURE ORNAMENTAL IRON WORK

Send for Catalogue

TELEPHONE CONNECTION

HUGH BOYD & SON PLASTERERS

704-706 S. ELEVENTH STREET PHILADELPHIA, PA.

88888

Rough Casting, Cementing Walls and Calsomining

Cement Floors put in Stables, Cellars, Etc.
a Specialty

JOBBING PROMPTLY ATTENDED TO

Wm. J. Mitchell George W. Mitchell

MITCHELL BROS.

Carpenters
Builders and
Contractors

No. 2125 Race Street

Jobbing in all branches of the building trades promptly attended to

TELEPHONE CONNECTIONS

SILVER LAKE "A"

For Thirty Years the Standard
A Safe Specification for
SASH CORD



To prevent the substitution of an inferior article we put OUR LABEL ON EVERY HANK, and as an additional protection WE STAMP EVERY THREE FEET OF OUR CORD WITH OUR NAME. If you find Silver Lake "A" Stamped on the cord, it is THE BEST CORD THAT CAN BE MADE.

SILVER LAKE CO. BOSTON

Send for Samples



SASH CHAINS

"GIANT" and "RED METAL"

Sash Chains are conceded by the Leading Architects to be the Standard, and are specified by them. Our Chains are made from a Special Mixture which cannot be equaled for tensile strength and antifriction qualities. We are not only the Originators of Sash Chain, but also of the metal from which it is made. Not a pound of this metal was rolled by any mill until we introduced it. Our Chains have been on the market for more than twenty years and have given universal satisfaction.

NEW YORK OFFICE, 62 Reade St., J. J. HALPIN, Agent PHILADELPHIA OFFICE, 13 N. 6th St., WM. E. TRULL, Agent CHICAGO OFFICE, 142 Lake St., H. H. MUNGER, Agent

The Smith & Egge Mfg. Co. BRIDGEPORT. CONN.



HIGHEST AWARD BUFFALO

EXPOSITION gold medal awarded to

The

American

Cement

Company

LESLEY&TRINKLECO.

Sales Agents

22 South 15th Street, Philadelphia, for their "Giant" Portland Cement—the old reliable American Brand.

SAMSON SPOT CORD



Can always be distinguished by our trade mark, "the colored spot," which is a guarantee of First Quality cord.

Samson Cordage Works

Boston, Mass.



KOSENKO MFG. DE

DESIGNERS AND MAKERS OF FIXTURES FOR ELECTRICITY, GAS AND ACETYLENE MEMORIAL TABLETS. ANCIENT MODERN IN BRASS AND REAL BRONZE

ARCHITECTURAL METAL. WORK **ECCLESIASTICAL** AND

NEW YORK 12 E. 30TH STREET

PHILADELPHIA, PA. OFFICE AND WORKS 19TH AND HAMILTON STREETS

Used and Approved by Eminent Architects NON-EFFLORESCENT

Causes neither stain nor efflorescence when used for setting and in backing of

Oolitic Limestone, Granite, Sandstone, Terra Cotta, Face Brick

A few of the buildings in which it has been used:

NEW YORK Waldorf-Astoria Columbia University Constable Building Hotel Manhattan

Unoin Railroad Station, St. Louis
Washington Post Office, Washington, D. C.
F. W. Vanderbilt's Residence, Hyde Park, N. Y.
P. A. B. Widener's Resideuce, Ashbourne, Pa.

PILLADELPHIA
Land Title Building
Real Estate Title Building
City Trust Company Building
Lehigh Building

PRILADELPHIA

Further information upon application to the Philadelphia Agents

PHILADELPHIA

Buck White Lead Paints and Varnishes Crown Ready Mixed Paints Colors, Dry, in Oil, Japan and Distemper

Muralo, Calcimo, Indeliblo Brushes and Painters' Supplies Cabot's Creosote Shingle Stain, Quilt, Wall Ties and Builders' Supplies

Peerless Mortar Colors Portland and Rosendale Cements Calcined and Casting Plasters Rock Wall Plaster, Plastering Hair

Mantels, Tile, Mosaics, Grates and Fireplace Goods, Ornamental Plaster Work

Sole Agents DEXTER PORTLAND CEMENT

EDWARD A. HOLLIS

PHILADELPHIA AGENT

1904 MARKET STREET



TELEPHONE CONNECTION JOBBING PROMPTLY
ATTENDED TO

P. J. HURLEY CONTRACTOR CARPENTER AND BUILDER

STORES AND OFFICES FITTED

1216 CHANCELLOR ST.
PHILADELPHIA

All composition and presshork on this catalogue was executed by The McLanghlin Bros. Co., Ltd., 12 and 14 South Orianna Street

ESTABLISHED 1880

C. A. BLUMHARD BLUE PAPER CO.

MANUFACTURERS AND IMPORTERS OF

BLUE, WHITE AND BLEACH PROCESS PAPERS, LINEN PRINTS

38 SOUTH SIXTH STREET, Philadelphia, Pa.

TELEPHONE

MOUNTING OF EVERY DESCRIPTION

THE ARCHITECT AND PAINT

The part paint plays in the construction of all kinds of buildings makes it something too important to be slighted by architects. Intelligent architects everywhere recognize this fact and are to-day investigating and studying the paint question more than they ever did before.

LUCAS PAINTS court investigation. They are time tested, strictly high grade paints. They are standard paints that have been manufactured for upwards of half a century and enjoy a wide sale in all sections of the country. Architects who specify them protect their clients and add to their own reputation for doing artistic, thorough work.

Lucas handsome color cards and up-to-date paint literature sent free to architects for the asking. Write to-day.

JOHN LUCAS & CO.

PAINT, VARNISH AND COLOR MANUFACTURERS
New York Philadelphia Chicago

WHEELER'S WOOD FILLER

Specified by all leading architects and recognized as the standard for more than 25 years. Brings out the full life and beauty of the wood and forms a permanent foundation for the varnish because its mineral base is transparent and positively non-shrinkable. Most economical filler, as it goes further and saves labor and material. The Bridgeport Wood Finishing Co, New Milford, Conn., New York, Chicago and Philadelphia.

INSURES LASTING FINISH



JOSEPH YEAGER
MANTELS

Tiles and Musairs
SLATE WORK

817 SPRING GARDEN ST.
PHILADELPHIA

Ten Thousand of Our Furnaces in Use

and located in all parts of the United States. We can furnish reference for same. We keep on hand and can furnish at the shortest notice

FIVE DISTINCT STYLES OF COOKING RANGES INCLUDING OUR "B AND C. KITCHENERS"

These ranges are the heaviest, most substantial and elegant in their general appearance now offered for sale. They are finished with great care and designed for first-class private kitchens or small hotels and restaurants; they have large ovens, plate rack and an open grate adapted for roasting in front. Cast iron backs and Jambs, with brass, nickel, bronze or black fronts to order. A full line of repairs for all Freuch ranges.

THE OLD FRANKLIN STOVE

When you want to know anything about our wares, ask! You will find it no trouble for us to give satisfaction.

"The Best is the Cheapest"

"A Perfect Heater"

Kevstone Steel Furnace

With Patented Shaking and Clinker Grinding Grate and Dumping Attachment

& SON

1613 Filbert Street Philadelphia

ALFRED C. WATSON

IOHN ROBINSON

WATSON & ROBINSON

49 to 63 Queen Street

Germantown Philadelphia

WOOD WORKING

Window and

Door Frames

Fine Cabinet and

Stair Building

Interior

Mantels

Woodwork

Of every

Description

MILL

Sash, Shutters, Blinds

Wood Mouldings

Being fitted up with the latest improved machinery, dry kiln, etc., we are prepared to furnish the best quality work on the most reasonable terms.

Estimates furnished.

Telephone Connection

WILLIAM CONWAY 58th and Walnut Streets, Philadelphia

Our Specialty is Fine Hand Made "Cherry Red" Stretchers and Pressed Bricks

Brick Manufacturer

GEORGE L. SIPPS

CARPENTER BUILDER AND CONTRACTOR

...OFFICES...

NO. 212 SOUTH SEVENTH STREET

SHOP, 912 LOCUST STREET

BOTH

PHILADELPHIA

John L. Gaumer Co.

Art Metal Work



WROUGHT IRON GAS AND ELECTRIC FIXTURES

ANTIQUE WROUGHT IRON
BRASS OR BRONZE WORK IN ALL FINISHES

ELECTRO-BRONZE, BRASS AND NICKEL PLATING

N. E. Corner
Nineteenth and Hamilton Streets

Edwin R. Keller, M. E.

Clayton W. Pike, B. S.

Reller, Dike & Co.

Mechanical and Electrical

Engineers and Contractors

LIGHTING and
POWER PLANTS
TELEPHONE
EXCHANGES
INTERIOR WIRING
POLE AND LINE CONSTRUCTION, Etc.

112-14 N. 12th St. PHILADELPHIA

WILLIAM GRAY & SONS

Cut Stone Contractors

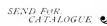
and Interior Marble Work

Thirtieth Street below Walnut
PHILADELPHIA

Telephone No. 240 W. P. Cable Address, "GRAY"

Architects' and Engineers' Supplies

MATHEMATICAL INSTRUMENT DRAWING TABLES TRANSITS AND LEVELS ARTISTS MATERIALS BLUE PRINT PAPERS



BLUE PRINTING

Done on Short

Notice and Lowest

Prices



Works on Art of the Newest Publications for Architects, Sculptors Lithographers and Designers generally

F. WEBER & CO.

1125 Chestnut St.

Philadelphia, Pa.

NEW YORK

J. F. BUCHANAN & CO.

ELECTRICAL & & CONTRACTORS

Isolated Plants, High Class Wiring

Contractors for

Museum of Science and Art, Jefferson Hospital, Real Estate Building, First Baptist Church, Jacob Reed's Sons.

Garden Hotel, Atlantic City; Monticello, Norfolk, Va.; New Court House, Baltimore: Criminal Court, New York,

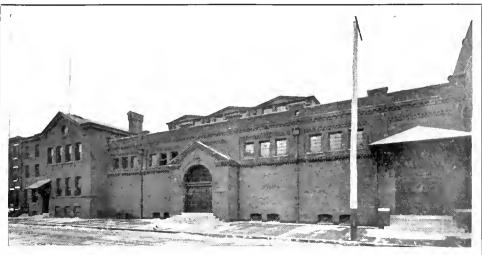
and 100 Factories, Stores and Residences

36 North Fourth Street PHILADELPHIA

ARTISTIC HOMES A house well painted with colors that harmonize with the architecture and surroundings is a handsome addition to any neighborhood and helps to raise property values. Lucas Pure Oil Tinted Gloss ready mixed for use, is a high grade, popular price paint, that stands exposure to the elements for years. Seventyeight beautiful colors arranged in harmonious combinatious on a sample card containing all sorts of hints on painting. We have cards and booklets showing samples and explainiug how to use Lucas Perfect Wood Stains, Reliable Varnishes, Lucas Decorative Enamels, Lucas Floor Paints, Lucas Colors in Oil, any or all of which will be sent free to any interested person. All kinds. Write for our booklets on glass. JOHN LUCAS & CO. INFACTURERS PAINTS, VARNISH AND COLORS

PHILADELPHIA

CHICAGO



CHAS. D. COOPER HALL AND ARMORY. 22d AND CHRISTIAN STREETS, PHILADELPHIA DUBRING, OKIF & ZIEGLER, Architects

Heating Apparatus Bowers Bros. & Co. Engineers and Contractors

STEAM AND HOT WATER HEATING AND VENTILATING

719 REAL ESTATE TRUST BUILDING

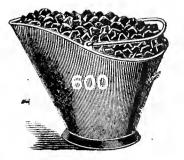
Риплоберния

A HAPPY NEW YEAR

Don't allow a BAD RANGE to make this impossible, but use THE BLST, which is

Spear's New Cooking Range

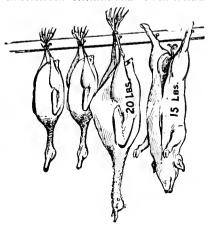
Will save 600 buckets of coal in one



year over the ordinary brick set range. It can be seen in full operation at the James Spear Stove and Heating Co., 1014 Market Street, Philadelphia.

Hotel and family ranges in all sizes, also heaters, open fireplaces, laundry stoves, etc.

Ranges for Hotels, Schools and Institutions
ESTIMATES CHEERFULLY FURNISHED



EASTON, PA.

JAMES SPEAR STOVE AND HEATING CO. 1014 Market St., Philadelphia, Pa.

Gentlemen:—Please send as soon as possible:
One No. 8 Double oven Spear's Range with waterback; pipes to come out on left hand end. One No. 8-20 Single Oven, left hand fire box, with waterback. One Fire Pot for New Golden Sun Fireplace Heater.

HOT AIR, HOT WATER AND STEAM HEATING

The entire front and rear of this building equipped with

Absolutely
Automatic
Fire Proof
Hollow Sheet
Metal Windows

H. C. Sмітн's Patent

FIELD & MEDARY
Architects

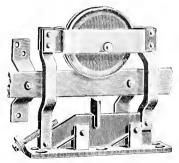
Lewis Haven's Sons
Builders

Write for Catalog of
METAL WINDOWS
and Architectural
Sheet Metal Work



Manufactured by David Lupton's Sons Co.

PHILADELPHIA, U. S. A.



"Lane's Ball Bearing"

IS THE

Best House Door Hanger Made

OTHER STYLES FOR LESS MONEY
Sold by Hardware Trade. Send for Circulars.

LANE BROS. COMPANY

436-468 Prospect St., POUGHKEEPSIE, N. Y.

Telephone Connections

A. Whitehead

CARPENTER, BUILDER and CONTRACTOR

No. 1624 Latimer Street

South of Locust West of 10th

PHILADELPHIA, PA.

Jobbing in all Trade Branches

Standard Terra Cotta Works.

WORKS

PERTH AMBOY, N. J.

MANUFACTURERS OF

ARCHITECTURAL TERRA COTTA.

287 FOURTH AVENUE, New York.

PHILADELPHIA OFFICE, 1215 Filbert Street.

BOSTON OFFICE;

88 Equitable Building.

King's Windsor Cement for Plastering Walls and Ceilings

Elastic in its nature, can be applied with 25% less labor and has 12% more covering capacity than any other similar material

Philadelphia Branch Office: BUILDERS' EXCHANGE, 24 South Seventh St., Phila. Warehouse: CHESTER, PA.

J. B. KING & CO.

No. 1 Broadway : : NEW YORK

READING HARDWARE CO.

ARTISTIC

BRONZE HARDWARE



"Vassar"
Cylinder
Locks and
Fine
Bit-Key
Door Locks

of Every Description 7 le "OGDEN" CHECK



AUTOMATICALLY REGULATED

Only Liquid Door Check and Spring that fully controls the Door under all conditions.

Our Designs in Art Hardware are unsurpassed in beauty, correctness of detail, and quality of material and finish.

Factories and Main Office

READING, PENNA.

617 Market Street - - - - PHILADELPHIA

JOHN GIBSON

PHILADELPHIA

DECORATOR

NEW YORK

125-127 South 11th Street

Room 2321, Park Row Bldg.

Mural Paintings and Decorations

Marble and Glass Enamel Mosaics

Stained Glass

CEMENT PAVING AND ASPHALT

GEORGE A. GLENN & CO.

BRICKLAYERS
STONE MASONS

A AND A A
CONTRACTORS

ROOM I

GERMAN AMERICAN TITLE AND TRUST (CO. BUILDING

BROAD AND ARCH STS.

Philadelphia

TELEPHONE CONNECTION

J. LINDSAY LITTLE

Thomas Little & Son

CARPENTERS and BUILDERS

1222 Clover Street

PHILADELPHIA, PA.

VICTOR J. PETRY

PETRY & REID

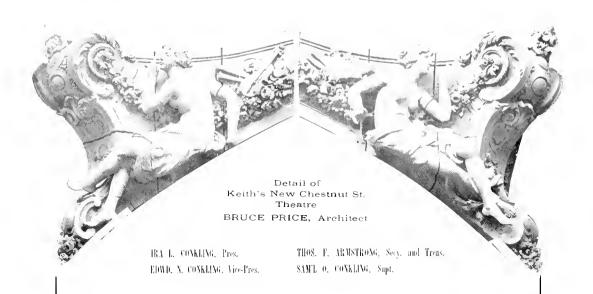
JOHN W. REID

DECORATIVE PAINTING

M NUFACTURERS OF SPECIALLY DESIGNED
CUSTOM FURNITURE AND INTERIOR WOOD FINISH
FOREIGN AND DOMESTIC WALL PAPERS
EXCLUSIVE UPHOLSTERY STUFF, CURTAINS AND WALL HANGINGS

1205 WALNUT STREET, PHILADELPHIA

FACTORY
TENTH STREET AND COLUMBIA AVE.



CONKLING-ARMSTRONG TERRA COTTA CO.

MANUFACTURERS OF

Architectural Terra Cotta

Works

PHILADELPHIA
Telephone Connection

Offices

BUILDERS' EXCHANGE, PHILA.

1185 BROADWAY, NEW YORK

EASTERN HYDRAULIC-PRESS BRICK COMPANY

REAL ESTATE TRUST BUILDING

S. E. Corner Broad and Chestnut Streets

PHILADELPHIA

RICHARD C. BALLINGER - ERNEST R. YARNALL

R. C. Ballinger & Company

CARPENTERS BUILDERS CONTRACTORS

OFFICE 218 North 13th St. SHOP Reno above 13th St.

TELEPHONE No 3-26-15

Members Master Builders' Exchange Philadelphia Chas. J. Field's Sons

BUILDERS' HARDWARE

Contractors', Machinists' and Government Supplies

633 Market and 624 Commerce St.

Telephone 2057

PHILADELPHIA

Appleton & Burrell

BUILDERS and CONTRACTORS

1204 CHANCELLOR ST.

PHILADELPHIA



Best Flooring for Elevators, Offices, Banks, Decks of Vessels Hallways, Hospitals, Stairs and Landings, Bathrooms, Kitchens, etc.

New York Belting & Packing Co., Ltd. 724 CHESTNUT STREET, PHILADELPHIA

Send for set of Designs.

Sole Mauufacturers

SPECIFY

3 COATS

RINALD PORCELAIN ENAMEL PAINT

where a durable, washable finish is wanted on walls, ceilings or woodwork.

2 COATS

BROS. BESSEMER PAINT

where a durable, waterproof paint is wanted for tin roofs, galvanized iron, stacks, fences or structural work.

RINALD BROS.
1142-1146 N. Hancock Street
PHILADELPHIA



The
TILE and MANTEL
SHOP

Everything Artistic and Different

1430 Chestnut Street Phila., Pa.

Successors to

Craft & Niemann



McCambridge & Co.

Manufacturers of

HOUSE AND SHIP PLUMBING SUPPLIES AND SPECIALTIES

Works, Office and Salesrooms

523, 525 and 527 Cherry Street

Philadelphia, Pa.



ROOM IN ASTORIA HOTEL

34th Street and 5th Avenue, New York City
H. J. HARDENBERGH, Architect

We executed the Balcony Railing, Highly Decorated Fascia, Ornamented Soffit Moulding and Curved Staircase in this room, as well as all the Ornamental Iron Work throughout the Building.

RICHEY, BROWNE & DONALD

Architectural Iron and Bronze Workers

Borden and Review Avenues

LONG ISLAND CITY

GREATER NEW YORK, N.Y.

.Hecla Iron Works

M. 11th and Berry Streets
Boro. of Brooklyn
MEW YORK CITY

ARCHITECTURAL AND ORNAMENTAL BRONZE AND IRON WORK .:

Electro Plate

Duplex Plate and

Bower-Barff Finishes

THE CUT ILLUSTRATES THE IRON ELEVATOR
ENCLOSURLS AT FRED'K LOLSER & CO.'S
STORES, BROOKLYN, N, Y.



Drawings Made With

Higgins' American Drawing Inks

(Black and Colors)

have an excellence peculiarly their own. The best results are only produced by the best methods and means; the best results in drafting, both mechanical and artistic, can only be attained by using the best Drawing Inks—

HIGGINS' DRAWING INKS

(Send for color card showing actual inks)
At Dealers in Artists' Materials and Stationery.
Bottles, prepaid by mail, 35 cents each,
or circulars free from

Chas. M. Higgins & Co., Mfrs.

271 Ninth St., Brooklyn, N. Y., U S. A. London Office, 106 Charing Cross Road



The best kind of FIREPLACE MANTELS are made of

ORNAMENTAL BRICK

OURS have that soft, rich and pleasing effect of modest elegance that no other kind gives. Ours are far better than other kinds, but still they don't cost any more. That is a strong point. Our Sketch Book tells all about 50 designs of various colors costing from \$12 up. We send it free on application.

Philadelphia Boston FaceBrick Co. LIBERTY SOUARE, BOSTON

GERARD R. VOGELS, Sole Agent Office: Builders' Exchange, 24 S. 7th St., Phila.

THE (HAPMAN DECORATIVE CO.

INTERIOR DECORATORS CABINET MAKERS AND WOODWORKERS

530 NORTH 10TH STREET

STORE AND OFFICE
1417 CHESTNUT STREET

PHILADELPHIA



THE HARDWARE OF ORNAMENT is produced in practically all schools, and a great variety of finishes, by the

Yale & Towne Mfg. Company

General Offices: 9-11-13 Murray Street, New York City. Local Offices: Chicago, Philadelphia, Boston and San Francisco. Philadelphia Office: 629 and 630 Witherspoon Building.

ARTISTIC DESIGNS

THE HENRY

LEADED GLASS



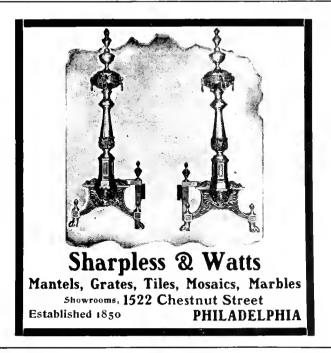
THE HENRY DUKES GLASS WORKS FLORENCE W. FULTON, Prop'r

PRICES REASONABLE 2129-2131 MARKET STREET
PHILADELPHIA

'Phone

		1 2 1

PRESS OF
THE McLaughlin Bros. Co., Limited
12 and 14 S. Orianna Street
Philadelphia



Keystone Photo Engraving Co.

723 Sansom Street, Philadelphia, Pa.

for all Engravings for all Illustrative Purposes

FOR PRINTING IN ONE OR MORE COLORS

Designing and Illustrating Reproductions of Architectural Subjects a Specialty

WE REFER TO THE PLATES IN THIS CATALOGUE AS SAMPLES OF OUR WORK

BABCOCK & WILCOX BOILERS

We are better prepared to meet building than any other makers of boilers.

We build for all kinds of space conditions. We a special build for low coiling basements.

We will cheeffully furnish drawings for any proposition work.

Our book STEAM? contains many useful table and queral information about boilers and their operation.

a copy, which will be mailed free.

The Babcock & Wilcox Company

1110-1113 North American Building

St. Liberth.